SHEET METAL BUILDING MATERIAL

FOR

EXTERIOR AND INTERIOR

Roofing
Siding
Ceiling
Cornice
Skylights
Ventilators
Shingles
Etc., Etc.

MANUFACTURED BY

THE

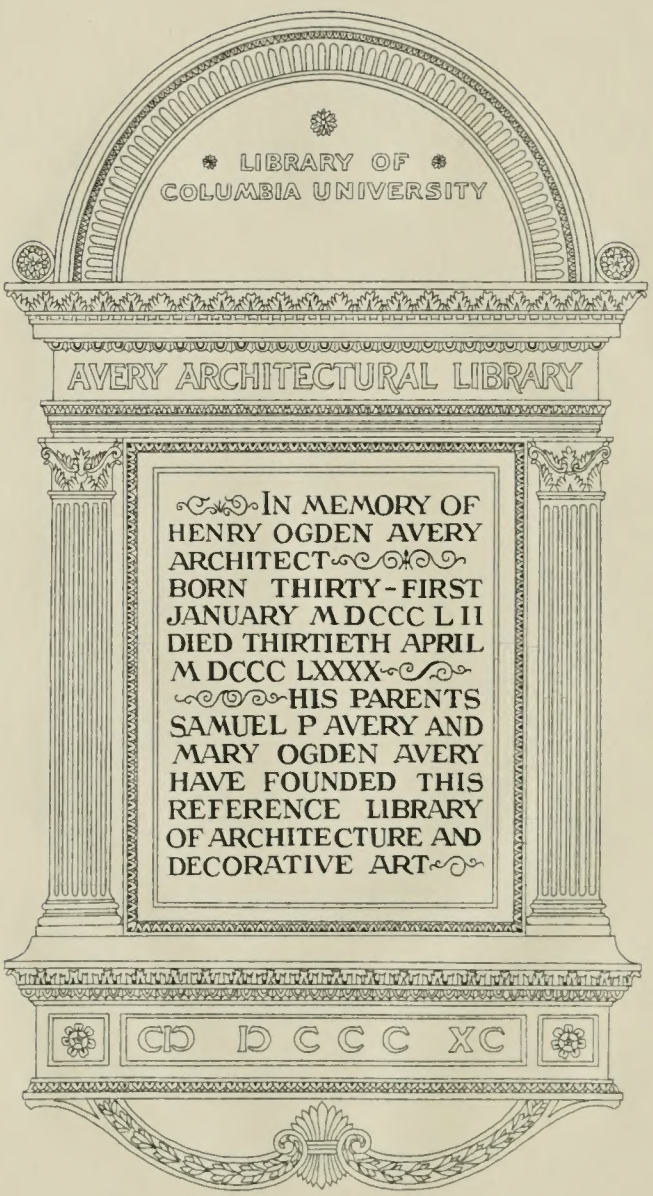
Moeschl-Edwards Corrugating Co.

COVINGTON, KENTUCKY

EIGHTH TO NINTH STREETS
CHESAPEAKE & OHIO AND LOUISVILLE & NASHVILLE RAILROADS

AT
6700
T1
1885

Classics



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CATALOGUE

1913

The Moeschl-Edwards Corrugating Co.

COVINGTON, KENTUCKY

OPPOSITE CINCINNATI

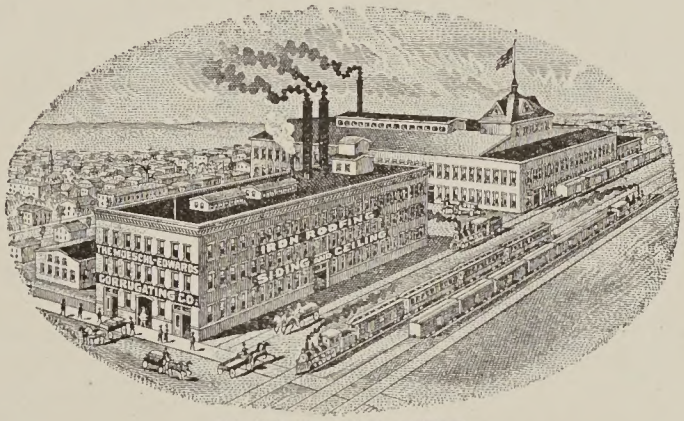
The Moeschl-Edwards Corrugating Co.

INCORPORATED)

Manufacturers of

Sheet Metal Building Material

For Interior and Exterior



EIGHTH TO NINTH STREETS,
CHESAPEAKE & OHIO AND LOUISVILLE & NASHVILLE RAILROADS.

OFFICE, 76 WEST NINTH STREET

Private Telephone Branch Connecting All Departments

COVINGTON, KENTUCKY

OPPOSITE CINCINNATI

A. Making Roofing.
B. Making Shingles.
C. View of Office.
D. Engineering Dept.
E. Skylights and Ventilators.
F. Corrugating Sheets.

G. Making Brick Siding.
H. Making Stone Siding.
I. View of Office.
J. Pres. & Sec'y Office.
K. Making Conductor Pipe.
L. Warehouse.

ANNOUNCEMENT TO USERS OF SHEET METAL BUILDING MATERIAL.

In compiling our catalogue, we have endeavored to set forth in a concise and convenient manner, a series of illustrations which will aid our customers in determining the style of material they may require.

To supply the rapidly increasing demand for our products, we have greatly enlarged and improved our facilities by adding machinery and increasing our stocks to enable us to make our usual prompt shipments.

Our equipment consists of the best and latest improved machinery obtainable, which with efficient and skilled workmen enables us to turn out our products economically, hence we are at all times in position to make prices as low as is consistent with high quality..

Our success is an indication of the quality of the materials we manufacture and of fair and liberal treatment to our customers and it is our desire to zealously guard the reputation already conceded us of producing the best designed and highest grade goods on the market.

We thank old friends for their good will and new ones in anticipation, and subscribe ourselves in readiness to serve all faithfully,

Very truly yours,

THE MOESCHL-EDWARDS CORRUGATING CO.

TERMS.

Net cash in thirty days, or two per cent discount for cash if paid in ten days from date of shipment.

Parties desiring credit must have good commercial rating, or furnish approved references from whom satisfactory reports must be received before shipments will be made; otherwise goods will be shipped with bill-of-lading attached to draft.

Accounts not paid when due are subject to sight draft with exchange, but we much prefer to have remittance sent us when bills mature.

All orders are taken subject to unavoidable delays and are not subject to cancellation without our consent; orders for special work cannot be cancelled under any circumstances after work has been commenced.

When shipments are made, the goods are the property of the buyer, who must look to the transportation company for any loss, delays or damage in transit; our responsibility ceases when we obtain the carrier's receipt for shipments in good order.

No claims for defects or shortages will be considered or allowed unless made immediately upon receipt of goods and before any of the material has been used or disposed of.

Quotations are for prompt acceptance and subject to change without notice.

"JUSTRIGHT" ROOFING.

"That Simple Roof That Don't Leak."

Perfect in Construction.
Moderate in Price.
No Wood Strips Used.
No Special Tools Required.
Easily Applied.
Absolutely Rain-Proof.
No Painting.
No Repairing.

Buildings Covered with Sheet Metal have never been Struck by Lightning.

Fig. 833.
Galvanized Nails and Lead Washers.

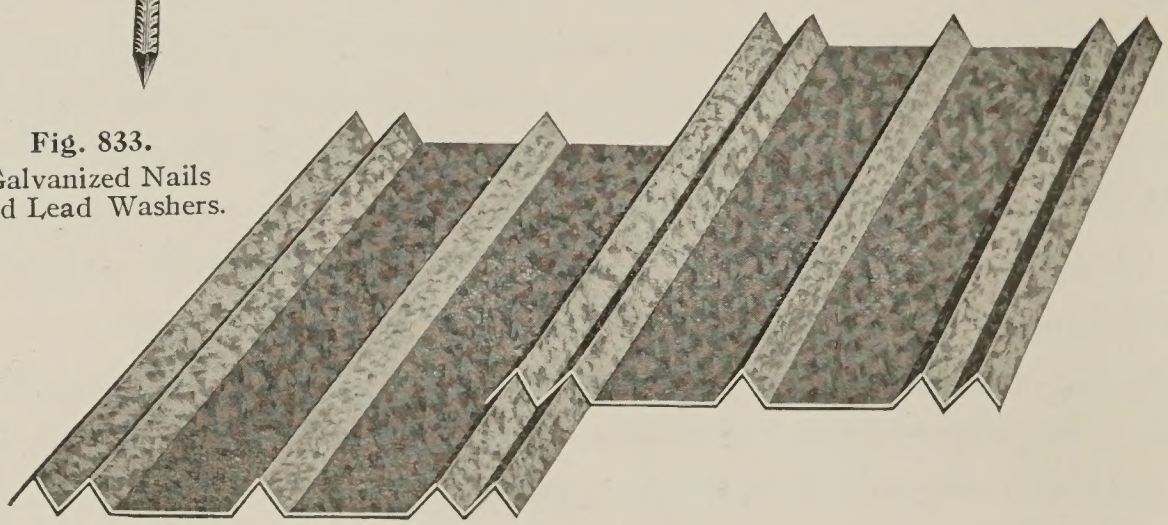


Fig. 16.

ade in Lengths of 5 to 12 Feet Inclusive, With a Covering Width of 24 Inches.

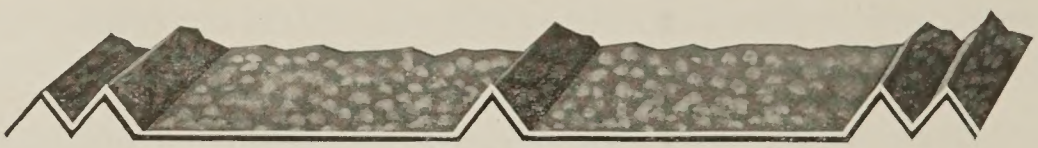


Fig. 16-H.

"JUSTRIGHT" SHEET."

End view of "Justright" Sheets showing the middle and side crimp. See Fig. 16-T, page 7.

The purpose of the two Vs at the sides is for the second V to act as a water guard. If water should pass or be driven by high winds over the first or outside V (as is often the case in common V crimp), it is impossible for it to pass the second V.

"Justright" Roofing is adapted to roofs of both low and high pitch. It is very easily applied. No wood sticks are used. The nails are driven through the top of the first or outside V. The Vs are sufficiently rigid that this may be done without mashing them. The center V adds rigidity to the sheet and affords a place for additional nailing, thus preventing possible rattling. Anyone who can drive a nail can put it on successfully.

As **"Justright"** Galvanized Roofing is more rigid than common V crimp, sheeting-boards may be placed farther apart, thus decreasing the cost of the frame structure and reducing fire risk.

With **"Justright"** Roofing use our **"Never-Rust"** Galvanized Nails. We also advise using our lead washers between the nail head and roofing. See page 32.

"JUSTRIGHT" ROOFING FITTINGS.

Fig. 16 A.

"JUSTRIGHT" Ridge Roll ready to apply to the building. The V's which are stamped in the apron of the ridge roll fit snugly over the crimps of the roofing, making a tight and ornamental finish. Made in 24-inch lengths.

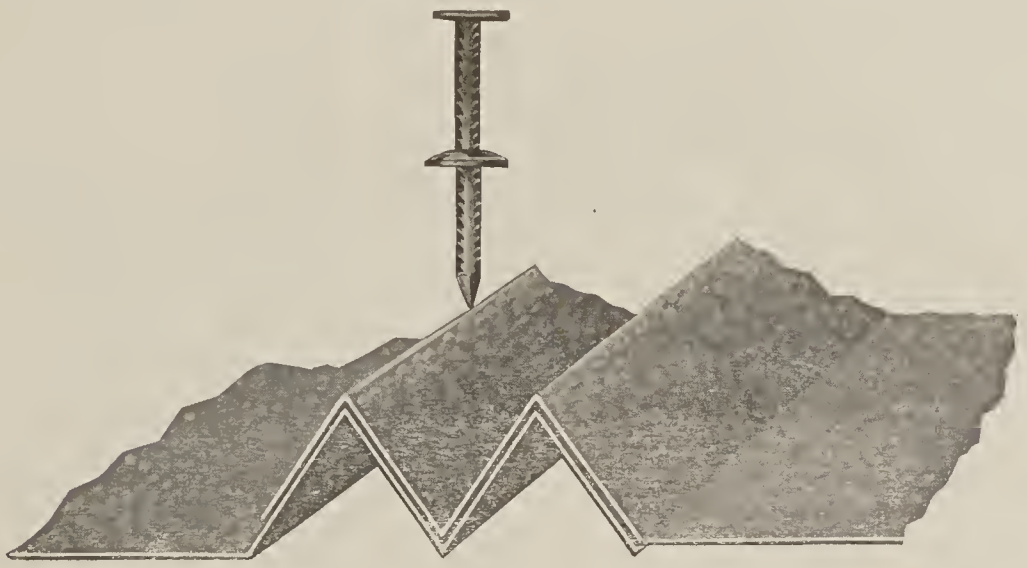


Fig. 16 J.

"JUSTRIGHT" Crimps. Large size section of Crimps showing where nail is placed.

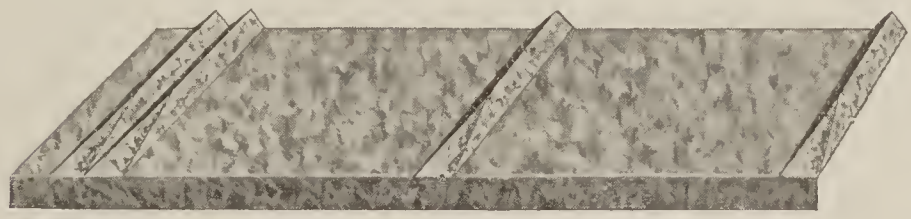


Fig. 16 D.

"JUSTRIGHT" Eave Starter ready to apply to the building. No cutting or turning the ends of sheets is necessary with this starter. Made 24 inches wide.

"JUSTRIGHT" ROOFING FITTINGS.

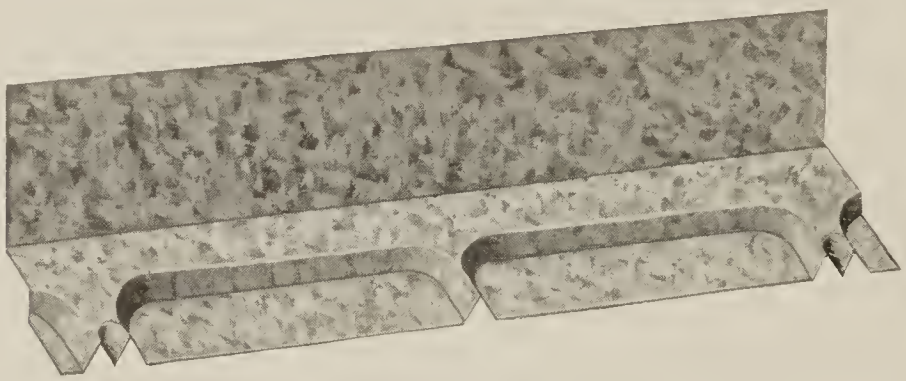


Fig. 16 E.

Illustrates "JUSTRIGHT" End Wall Flashing ready to apply. The stamped V's fit snugly over the crimp in Roofing Sheets and makes a tight joint. Made in 24-inch lengths.

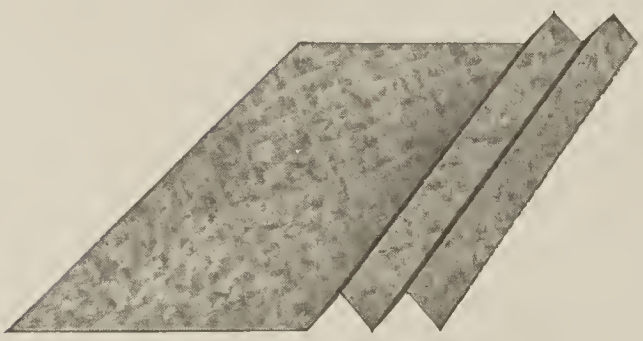


Fig. 16 F.

Fig. 16 G.

Illustrates "JUSTRIGHT" Side Wall Flashing, furnished either flat or formed in any width or length desired. In ordering Fig. 16 G give measurements at A. & B.

Fig. 16 C.

Gable Finish, made 4 and 6 inches in height and any length.

Fig. 833

Galvanized Nails and Lead Washers.

IMPROVED V CRIMP ROOFING.

Painted or Galvanized.

Fig. 123 A

Fig. 123 B

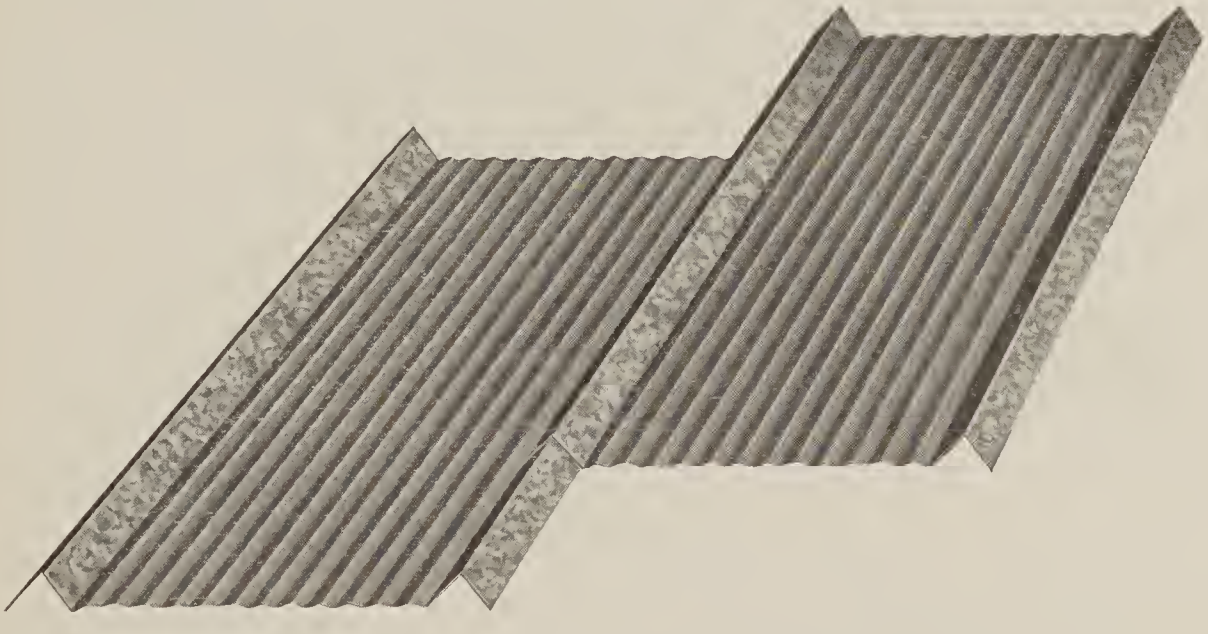


Fig. 23.

The face of these Roofing Sheets is a series of shallow, parallel channels that not only stiffen the sheet and assist in overcoming rattling, but concentrates the water and prevents the water from being driven against the open edge of the crimp. Made in 2 V Crimp as shown by Fig. 123 A, also with 3-V Crimp as shown by Fig. 123 B. Applied with hammer and nails and triangular wood strip, the same as ordinary V Crimp.

Stock sizes, 5, 6, 7, 8, 9 and 10 foot lengths. One square consists of 6¼ sheets, 24 x 96, or equivalent, and will lay one square less the lap at the end of the sheets.

COVINGTON LOCK JOINT METAL ROOFING.

Painted or Galvanized.

Patent Applied for.

Can be put on with hammer and nails. No special tools required.

Absolutely Storm Proof.

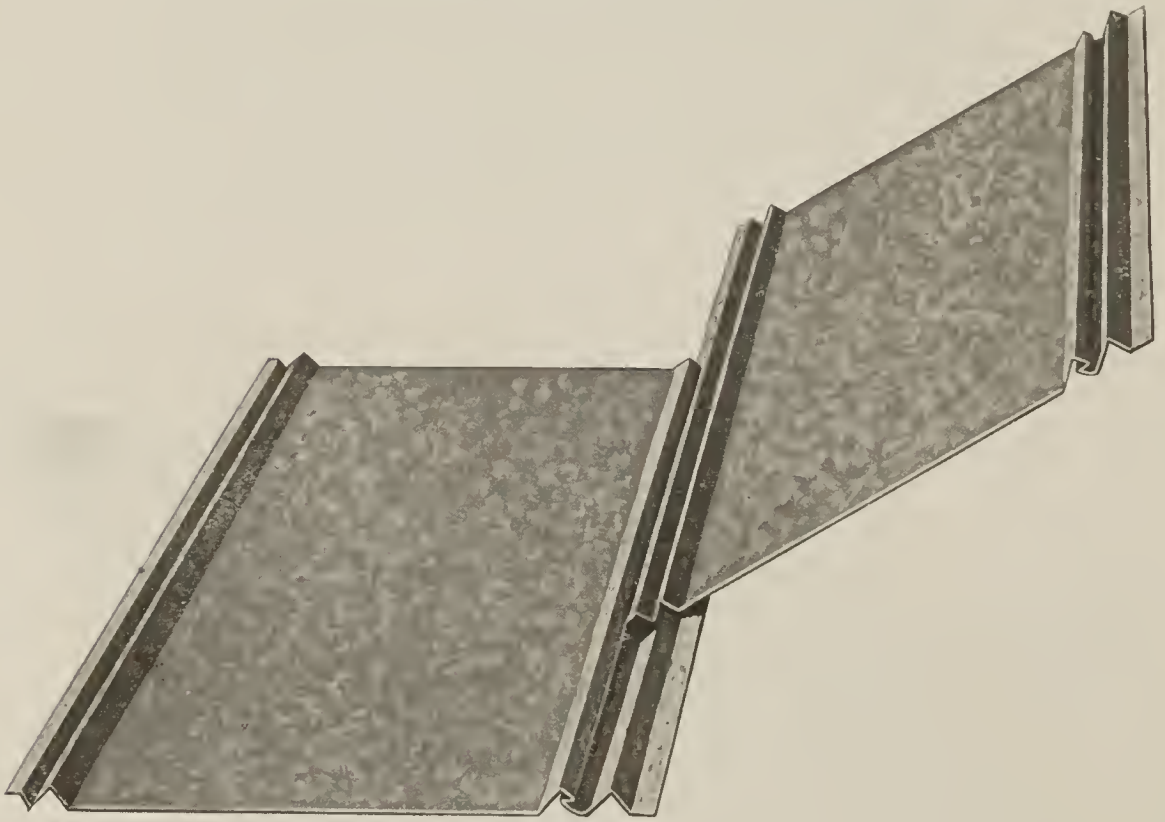


Fig. 25.

Sheets in position ready to interlock.

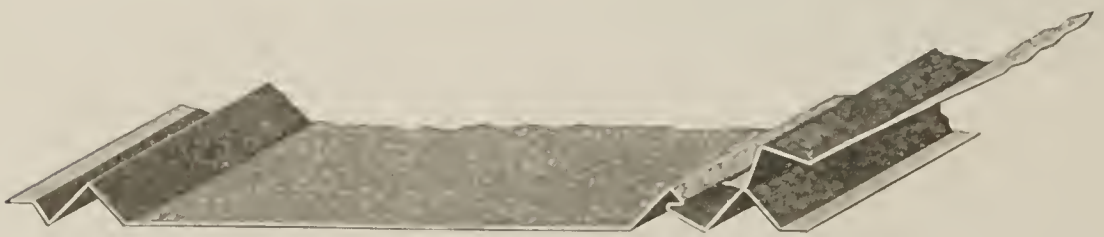


Fig. 25-E.

Profile of sheet showing position of locking parts and manner of locking sheets. See Fig. 25-C.

This is the roofing that everybody has been seeking. Our special interlocking joint roofing can be applied by laying the sheets from left to right, right to left, or up and down from eave to ridge. The nails, being covered, are protected from the weather.

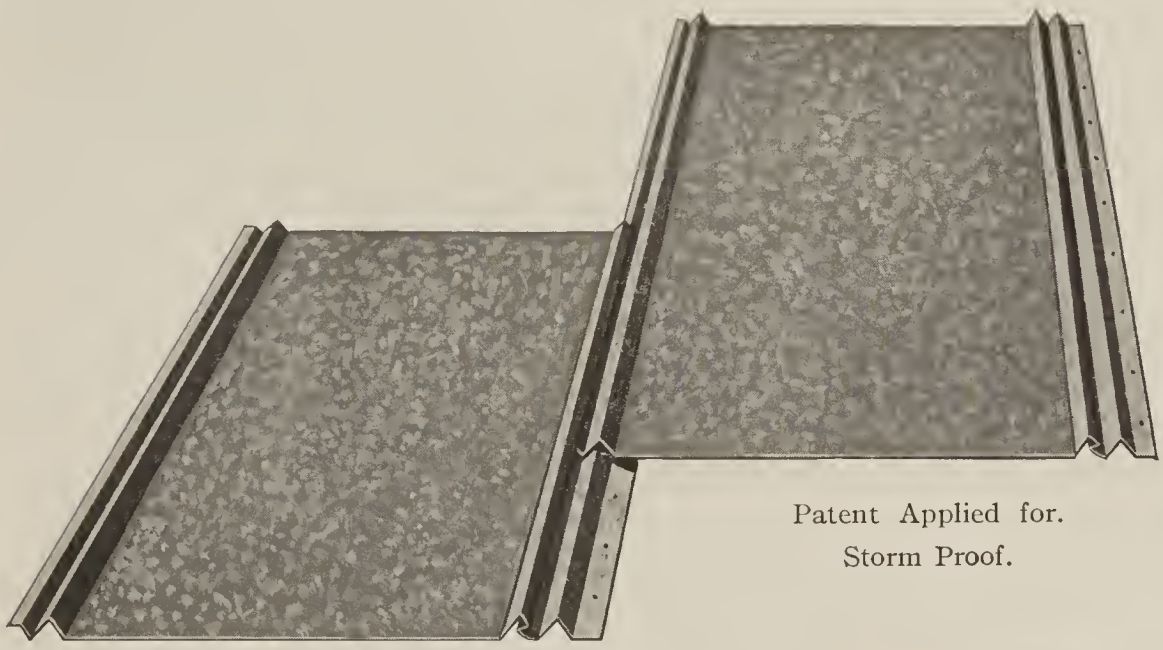
The Covington Lock is so constructed that the erector can, with his hands, interlock the end laps, making the lock at the joint like one continuous piece of metal. It is not necessary to use a hatchet, hammer, chisel, screw driver, or any other tool to get it together. There are no openings at the end laps of this roofing as with sheets with lock joints that are lapped and not interlocked.

COVINGTON LOCK JOINT METAL ROOFING.
Galvanized or Painted.

Made in all lengths from 5 to 12 feet inclusive, either painted or galvanized, from Nos. 28, 26 and 24 gauge. It can be used on a roof with one-inch fall to the foot or more and has all the advantages of every roof on the market, besides many points of merit which no other roofing possesses.

Fig. 25-A.
Position of Crimps when interlocking sheets.

Fig. 25-B.
Position of Crimp after sheets are locked



Patent Applied for.
Storm Proof.

Fig. 25-D.

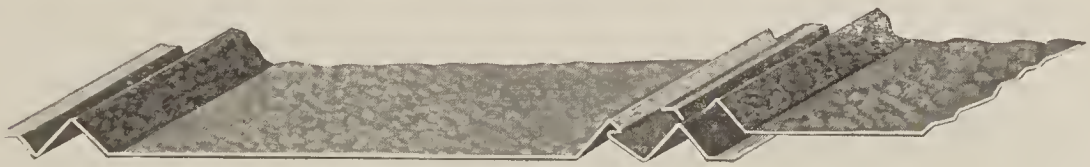


Fig. 25-C.

Profile of sheet showing position of locking parts after sheets are in position.

The lock on the Covington roofing is made by forming two V's on the nailing side of the sheet and one on the other. The one V is provided with a tongue which enters a pocket formed between the two V's on the nailing side. This tongue and pocket which receives it, is placed near the top of the V so that the water cannot run into the seam. With the double crimps no wood sticks are required.

The nails are covered; there is no chance for them to draw or leak.

The double crimp on the edges reinforce the lock parts and adds rigidity, making it the tightest seam on the market.

The construction provides for expansion and contraction and for an air space between the metal which allows for a circulation of air, thus keeping the joint dry and eliminating the possibility of corrosion.

Sheets are furnished with or without center crimp.

"KENTUCKY" LOCK JOINT METAL ROOFING.

Painted or Galvanized.

Patent Applied for.

Made in all lengths, from five to twelve feet inclusive.

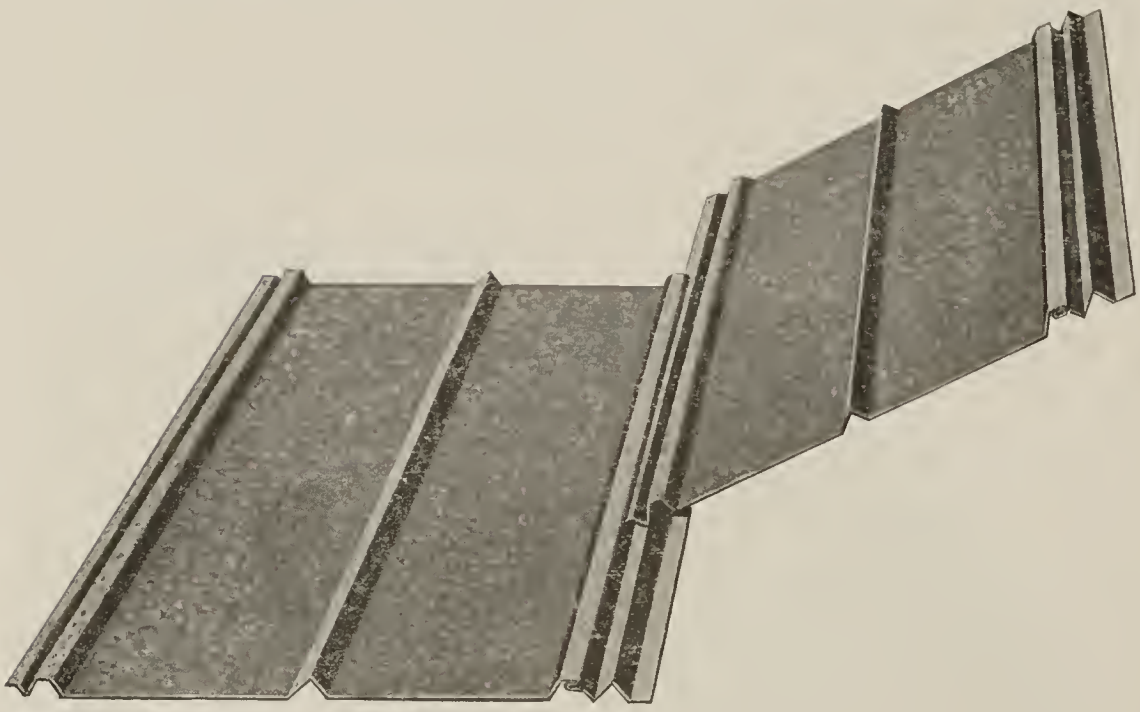


Fig. 26.

Sheets in position ready to interlock.

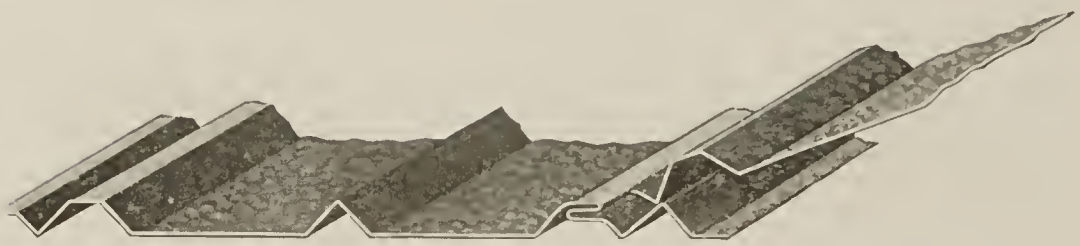


Fig. 26E

Profile of sheet, showing position of locking parts and manner of locking sheets. See Fig. 26C.

The "Kentucky" Roofing is the only roofing manufactured with the Lock Joint at the top of the crimp. With this construction the water cannot run into it from the body of the sheet, or be blown in, as the locking part is not only raised from the plane of the sheet, but protected by a second crimp which also acts as a binder and stiffener. This roofing, like our "Covington" design, is constructed with provisions for expansion and contraction. **The nails, being covered, allow no chance to leak.**

"KENTUCKY" LOCK JOINT METAL ROOFING.
Painted or Galvanized.

Patent Applied for.

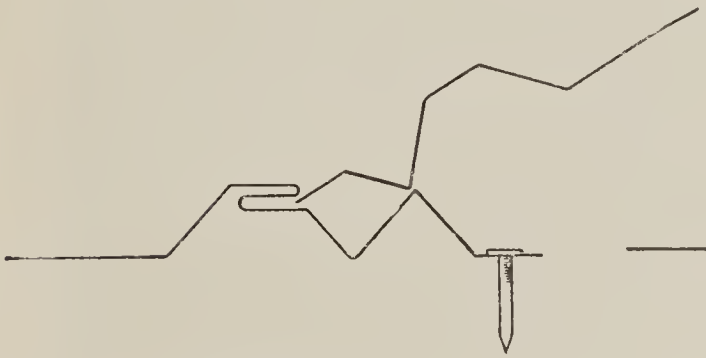


Fig. 26A
Position of Crimps when interlocking sheets.

Fig. 26B
Position of Crimps after sheets are loeked.

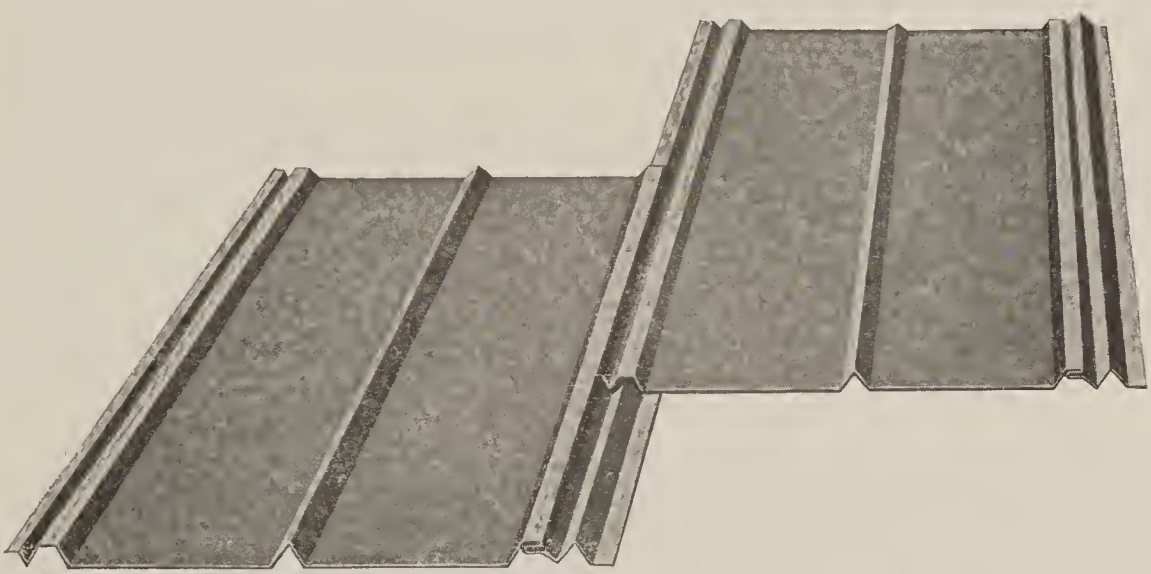


Fig. 26D
Two sheets loeked together.

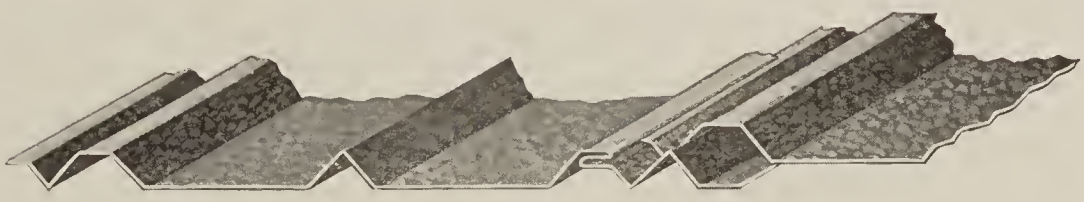


Fig. C.
Profile of sheet, showing the loeking parts after sheets are in position.

The "Kentueky Loek Joint Roofing was designed with a view to overeome the many annoyances found in all types of loek joint roofing now on the market.

This roofing is easy to put together, even though the edges get squeezed or bent in shipping. This eannot be said of any other roofing. The loek being at the top where it is easy to get at, and the over-lapping erimp being mueh larger than the nailing crimps, allows the ereetor to put this style of roofing on with the greatest of ease.

It is made in all lengths, 5 to 12 feet inelusive, either painted or galvanized, in 8 26 and 24 gauge. Can be used on a roof with one and one-half-ineh or more fall to the foot. Sheets are furnished with or without eenter erimp as desired. We reeommend sheets furnished with center crimp.

TWO "V" CRIMP ROOFING.

Painted or Galvanized

Fig. 8.

The simplest style and eheapest form of any metal roof manufaetured and for many purposes as satisfaetory as more expensive kinds.

We reeommend this roof to those wishing a good, eheap and durable eovering for barns, warehouses, saw mills, eotton sheds, etc.

Fig. 8 shows V-Crimp Roofing as shipped. Sheet will lay 24 inches from eenter to eenter of erimps and is furnished in 5, 6, 7, 8, 9, 10 and 12 foot lengths. We ship No. 28 gauge, 8 foot sheets, also neeessary triangular wood strips, unless otherwise ordered, but when furnished these wood strips are eharged extra.

One square eonsists of 6¼ sheets 24 x 96 inehes, or equivalent, and will lay one square less the loek or lap at the end of the sheets.

THREE "V" CRIMP ROOFING.

Painted or Galvanized.

Fig. 9.

Is largely preferred by many users on aeeount of its perfeet provision against eontraetion and expansion of the sheet and less liability to rattle when on the building.

When ordering this style always mention Middle or Three "V" Crimp; unless ordered in this manner regular Two "V" Crimp will be shipped. Middle "V" Crimp Roofing may be laid over sheathing or ean be applied direct over old shingles. No tools are required for applying, exeept tinners' snips and mallet.

Sticks for three erimps always shipped unless otherwise speeified.

Furnished in 5, 6, 7, 8, 9, 10 and 12 foot lengths.

One square consists of 6¼ sheets, 24 x 96 inehes or equivalent, and will lay one square less the lock or lap at the end of the sheets.

APPLICATION OF "V" CRIMP ROOFING.

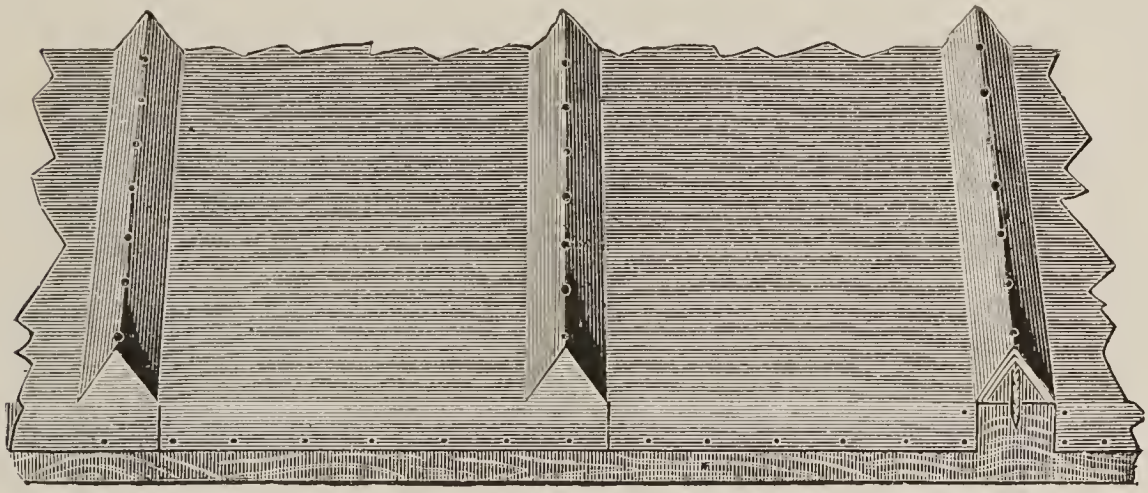


Fig. 8-A.

"V" CRIMP ROOFING.

May be laid over sheathing, shingles, lath or direct to rafters placed 24 inches from center to center, on any roof having more than two inches pitch to the foot. The ends of sheets can either be lapped or put together with lock joint.

Fig. 8-B.
Shows Lap Joint as Nailed.

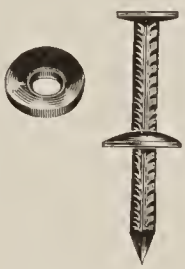


Fig. 833.
Nails and Lead Washers.
See page 32.

Fig. 8-C.

Shows Lock Joint as applied to sheathing. If desired to lay with end locks, cut each end of sheet 5/8 inch, as shown by A in Fig. 8-D, and when put on roof, mallet the joints down close.

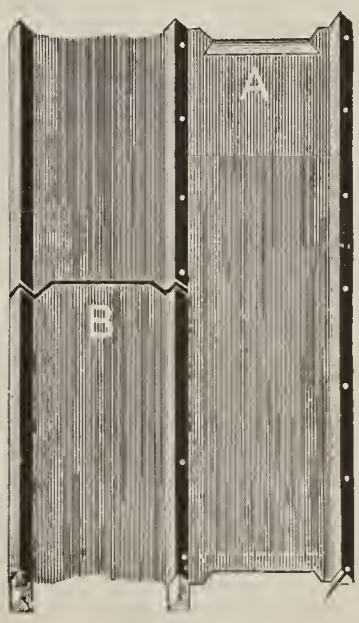


Fig. 8-D.

Fig. 8-E.

Shows triangular wood strip (Fig. 8-E) to be used under the crimps and nail as indicated in Fig. 8-D. Use 1¾-inch wire nails, which will reach through the top of crimps and into the sheathing or roof supports.

A ridge roof may be finished by lapping sheets over the ridge or by using our ridge capping, page 96. When ordered, we send one pair tinners' snips and one end lock former, charging cost. We will refund the amount charged when the tools are returned in good order, charges prepaid. Always mark on shipping card by whom returned, to insure proper credit.

SELF CAP ROLL ROOFING.

Painted or Galvanized.

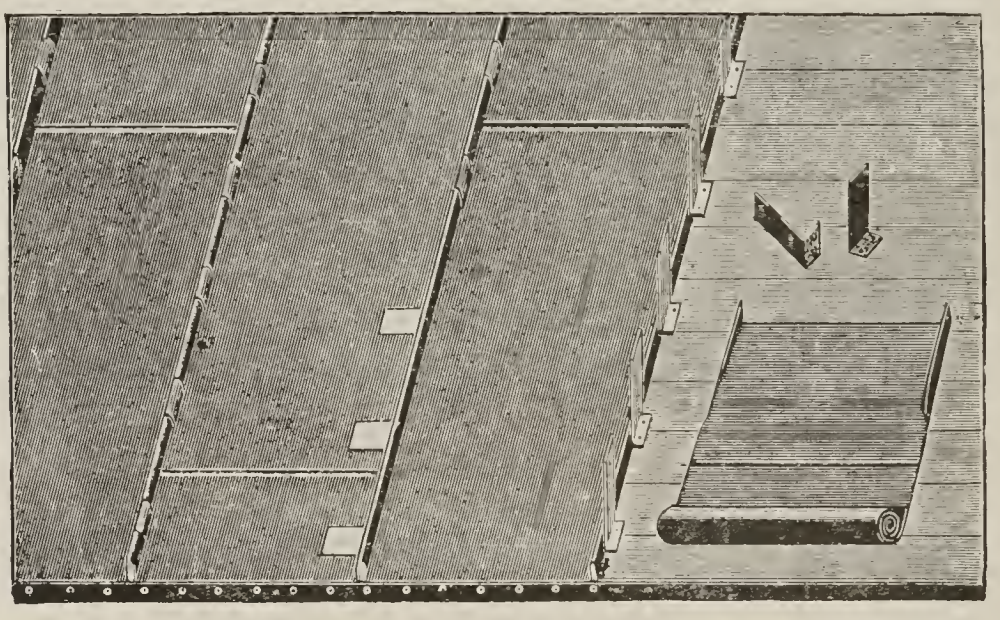


Fig. 13.

Directions for Applying.

Unroll and cut off roofing the length of roof, allowing an inch for comb on one side and two inches on the opposite side, and an inch or more for flashing or turning down at eaves. Turn the outside edge of the first strip you lay down over barge board one inch and nail. Turn the inside edge up one inch, then anchor by using cleats nailed about 14 inches apart. Drive nails close to edge of roofing, as it holds more firmly.

Turn up edge of the next strip 1½ inches and lay it up close to the one-inch edge of the first strip, turn down over the one-inch edge, fold the end of the cleat back over the top of seam and make same tight with tongs.

The comb is made by flattening down the standing seam 6 to 8 inches from the comb, and then turning up the ends, on one side one inch and on the opposite side two inches. Anchor the one-inch side with cleats and turn the two-inch over the one-inch end. This makes a standing seam along the comb. If you use Ridge Roll it is not necessary to allow the one inch and two inches on opposite sides of the comb. In this case finish the standing seams to the comb and nail the Ridge Roll over the comb.

Hips are made in the same way after cutting to the correct angle.

Standard size roll is 50 feet in length, containing sufficient to lay one square. We can furnish rolls of any length up to 150 feet, when specially ordered.

Tools for Self Capping Roll.

Edging Tong, 1½-inch	Fig. 282	Page 88	$1.50
Edging Tong, 1-inch	Fig. 282	Page 88	1.50
Squeezing Tongs	Fig. 283	Page 88	1.50
Snip			1.00
Jointer	Fig. 306	Page 87	.50

ROLL AND CAP ROOFING.

With Ordinary Caps.

Painted or Galvanized.

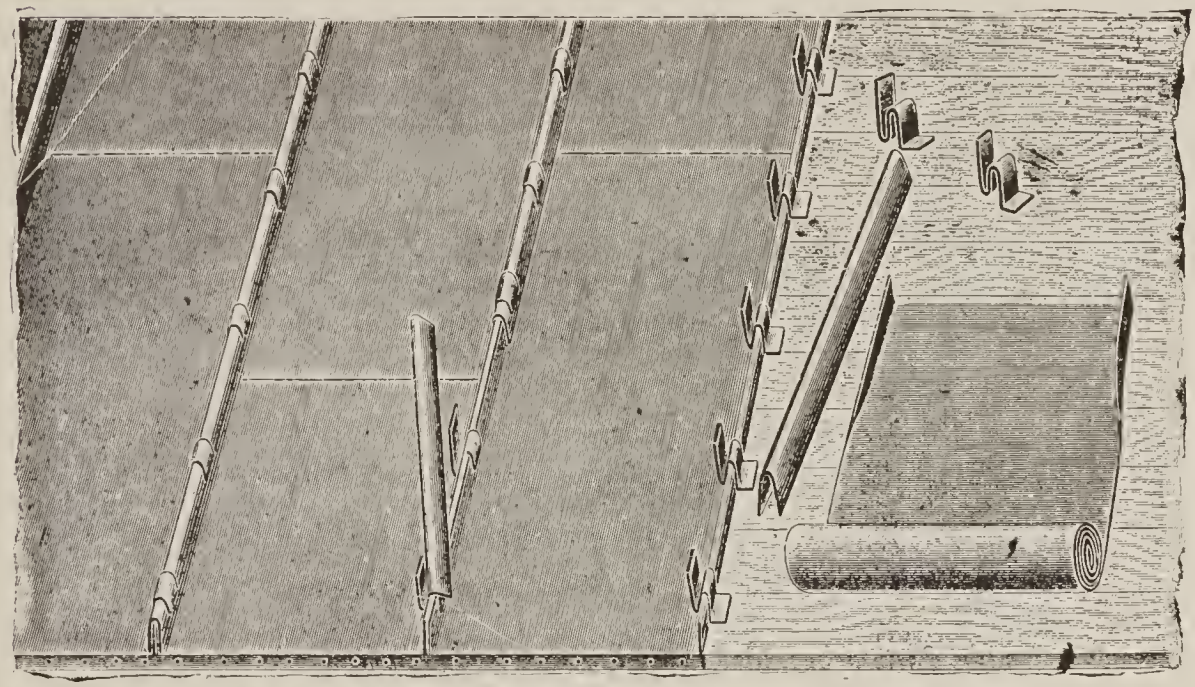


Fig. 14.

The cut shows the application of our Roll and Cap Roofing. Many roofers prefer making their standing seams on the building to suit a flat roof and use the Roll and Cap Roofing. The sheets are securely locked and grooved together, making a perfect joint before leaving the factory. The standing seam is turned up the desired height by the use of edging tongs and securely nailed to the sheating boards with the use of cleats. The caps are then placed over the standing seams and securely held in position by folding the cleat over them and squeezing tight with a Squeezing Tongs. This roofing makes one of the best roofs in use if properly put on by a careful roofer or tinner and is largely used by them in preference to any other. Is easily handled and costs less freight than boxed roofing.

Standard size roll is 50 feet in length, containing sufficient to lay one square. We can furnish rolls of any length up to 150 feet, when specially ordered.

For tools required in applying this style, see page 20.

ROLL AND CAP ROOFING.

With Special Long Caps, 6 to 10 Feet.

Painted or Galvanized.

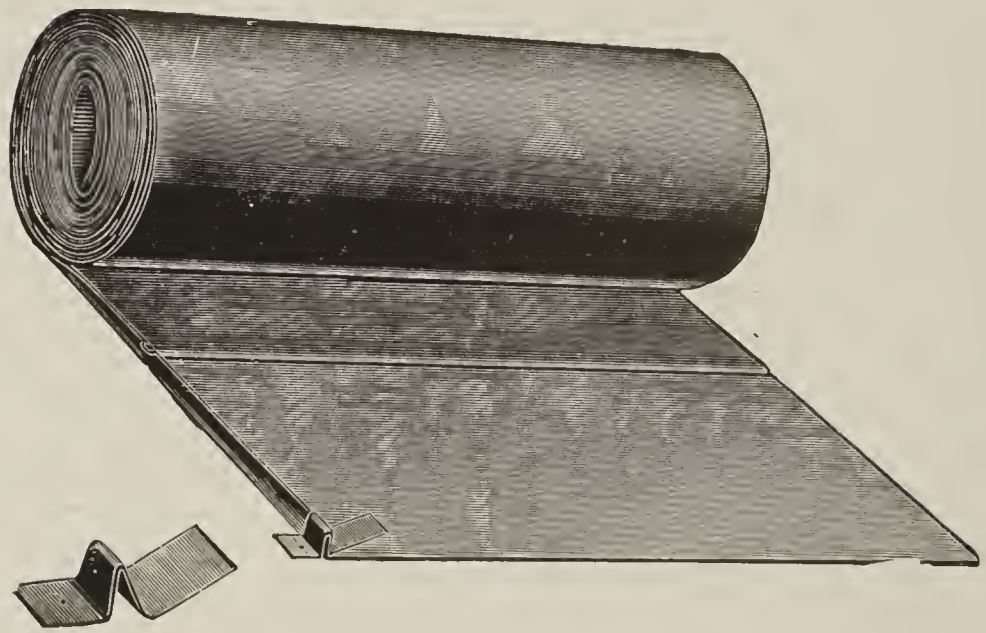


Fig. 15.

This style is applied in the same manner as Roll and Cap with ordinary caps. The features of the long caps are there will be fewer laps, less liability of leaking and greater speed in applying.

Tools for Roll and Cap.

Edging Tong, 1-inch	Fig. 282	Page 88	$1.50
Squeezing Tong	Fig. 283	Page 88	1.50
Snip			1.00
Jointer	Fig. 306	Page 87	.50

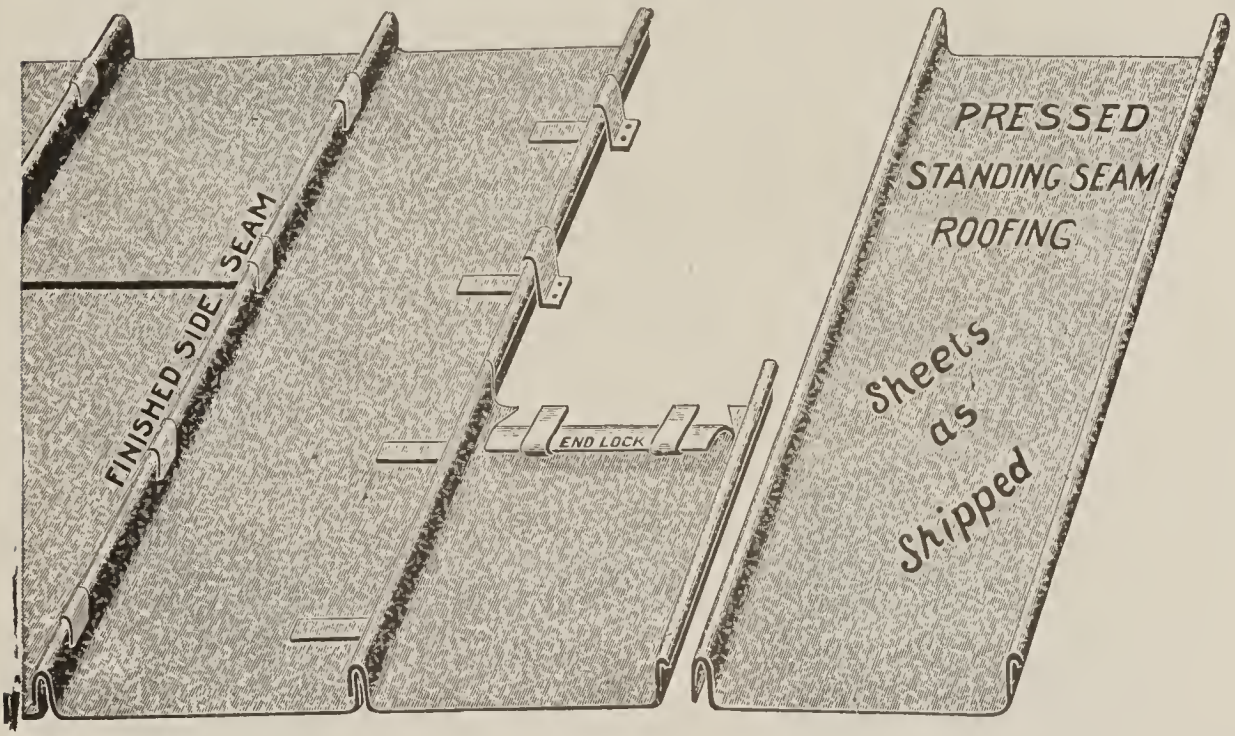
NOTE:—If desired, charge for tools will be refunded, if tools are returned in good order, freight prepaid. When returned, tools should be plainly and securely marked or tagged to insure proper credit.

PRESSED STANDING SEAM ROOFING.

24 Gauge and Lighter.

Painted or Galvanized.

Is very simple in application and effective in construction. The sheets are formed with a cap on each side.



C B **Fig. 11.** A

"A" represents sheet as shipped. "B" explains method of application. "C" shows finished seam.

Sheets are 24 inches wide from center of seams and made in lengths of 5, 6, 7, 8, 9, 10 and 12 feet in all gauges No. 24 and lighter.

One hundred square feet per square, allowance for side laps included. One pound of galvanized cleats shipped with each square. End locks turned 10 cents a square, extra. Can be applied on sheathing with end laps, if the roof has sufficient pitch or on flat roof, with end locks.

In applying this roofing the nails are concealed, no nails being exposed to the weather.

Tools Required—Sent only when ordered.

Squeezing Tongs (to close seams).	Fig. 283	Page 88	$1.50
Snips	Fig. 294	Page 92	1.00
Jointer	Fig. 306	Page 87	.50

PRESSED STANDING SEAM WITH OUR SPECIAL HI-SEAM.

This style roofing overcomes all the faults of old style roofing with scant one-inch high seams and is so constructed that the experienced and inexperienced may erect a roof that will not leak.

Note the Hi-Seam, which is 1½ inches high, over which water cannot climb or be driven by high winds. This roof will be a success on any pitch.

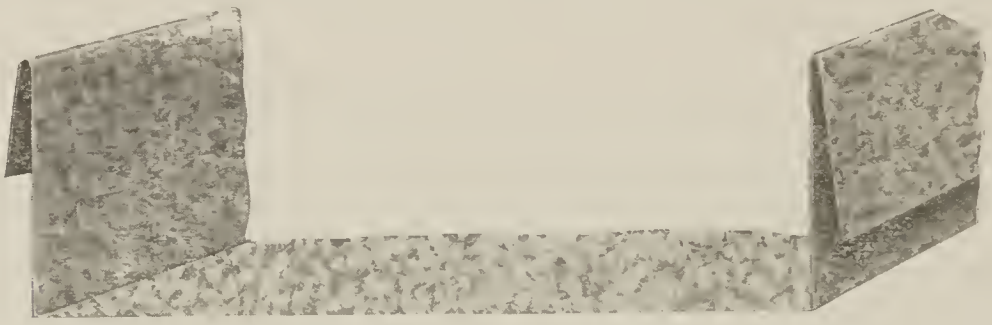


Fig. 28 A.
OLD STYLE.

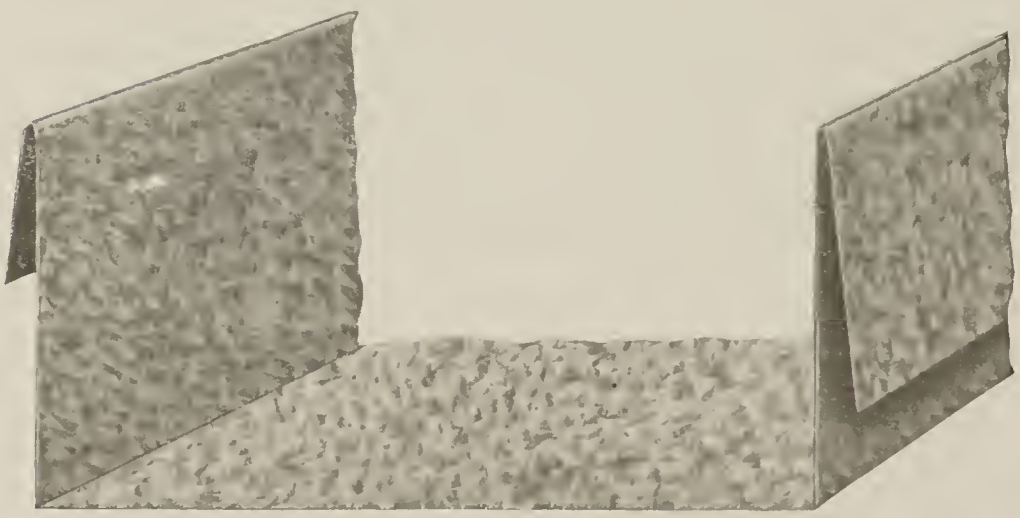


Fig. 28 B.
This illustration shows exact heighth of standing seam.

HI-SEAM.

Tools For Hi-Seam.

Squeezing Tong, 1½ inches, Fig. 283.....Page 88.....Price, $2.75 net.
Snips.....Price, 1.00 net.
Joiner.....Fig. 306.....Page 87.....Price, 50 net.

NOTE:—If desired, charge for tools will be refunded, if tools are returned in good order, freight prepaid. When returned, tools should be plainly and securely marked and tagged to insure proper credit.

RULES OF MEASUREMENT.

The following is the basis upon which all quotations for sheet metal building materi are made:

A square consists of one hundred square feet, calculated by the following rules:

Corrugated Sheets Imitation Brick and Stone—full width and length of sheets after being corrugated or formed. No allowance for either side or end laps.

V-Crimped, Beaded, Weatherboard—full length of sheet and actual covering width. No allowance for end laps.

Standing Seam (Pressed Standing Seam or Roll) actual covering width and full length are caluclated, whether the sheets are connected by end locks and shipped in rolls, or separate and shipped in bundles. No allowance for end laps.

Nails, Clips and Rivets; Wood Strips, Dry Paint, Cement and Ready Mixed Paints are sold by the pound, gallon or square (the amount generally required in applying a square). They are not included in the price quoted for the roofing, siding and ceiling, unless expressly stated, but when furnished are charged as separate items.

Ridge Roll, Ridge Cap, Corrugated Wood Strips, Corner Boards, Panel Strips, Window and Door Case Coverings, Mouldings, Stilings, etc., are not included in prices quoted for roofing, siding and ceiling, but are sold by the lineal foot and charged as separate items.

INSURANCE.

As a rule, metal roofings reduce the rate of insurance fully one-third and in towns poorly equipped with fire-fighting apparatus the reduction is as much as one-half to two-thirds. Builders should endeavor to make their buildings fire-proof on account of the inconvenience and loss caused by both fire and water, as well as the tedious problem of adjustment with the insurance companies.

TOOLS.

When tools are ordered for applying roofing, the charge will be as per list. If you do not want to keep the tools, return them in good order, charges prepaid, and we will credit your account or refund the amount charged.

When returning tools please be particular to notify us and to mark the shipping tag by whom returned to insure proper credit; also mail us bill of lading to enable us to trace if lost in transit.

2½-INCH CORRUGATED ROOFING AND SIDING.
PAINTED OR GALVANIZED.

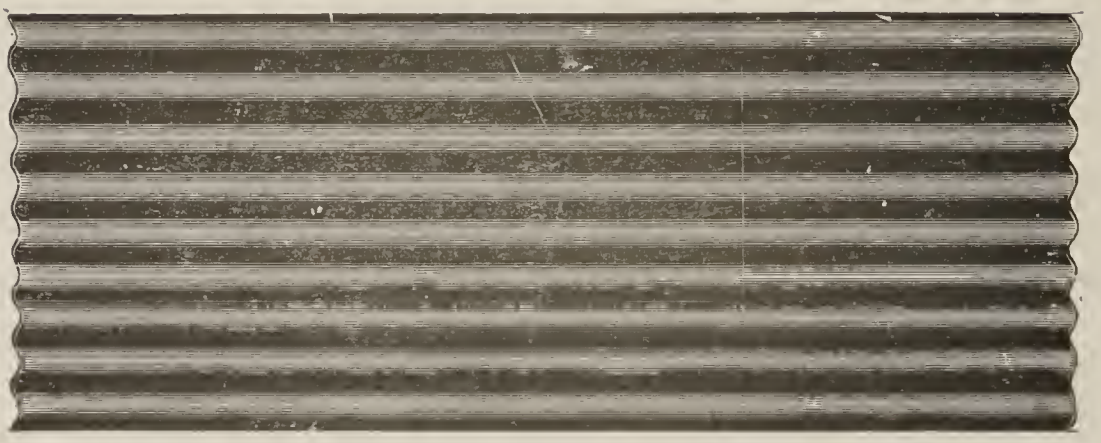


Fig. 2.

Sheet metal in its strongest form is found in corrugated sheets, as the corrugations stiffen the sheets to the highest possible degree. When applied over light, inexpensive framing it makes a cheap, substantial, fire-proof building. They can be applied directly to building without first sheathing, if desired.

We make 3-inch, 2½-inch, 2-inch, 1¼-inch and ⅝-inch corrugations.

All corrugated sheets sold per 100 sq. ft. (called a square), with no allowance for laps.

16 Gauge and Lighter. Corrugations are ½-inch deep. Can make as deep as ⅝-inch.

Sheets 26 Inches Wide, Both Corrugations Down, Standard Lengths are 5, 6, 7, 8, 9, 10 and 12 feet.

1¼-INCH CORRUGATED ROOFING AND SIDING.
PAINTED OR GALVANIZED.

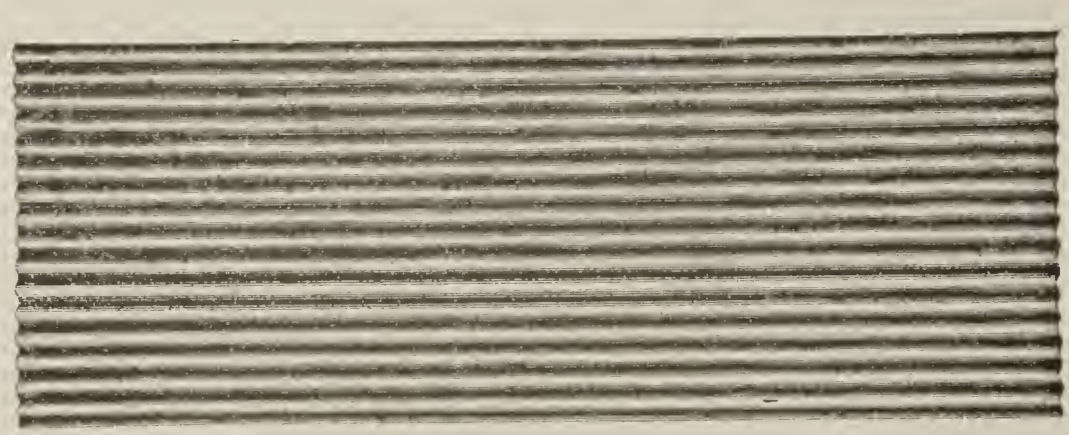


Fig. 3.

This size Corrugation can be used for same purpose as 2½-inch Corrugated Sheets. When used for Roofing purposes should be lapped two full Corrugations on side of sheet and 8 inches on end. Makes neat Ceiling or covering for exterior or interior of any kind of building.

22 Gauge and Lighter. Corrugations ⅜-inch deep. Sheets 25½ inches wide, Corrugations Both Down, Standard Lengths are 5, 6, 7, 8, 9, 10 and 12 feet.

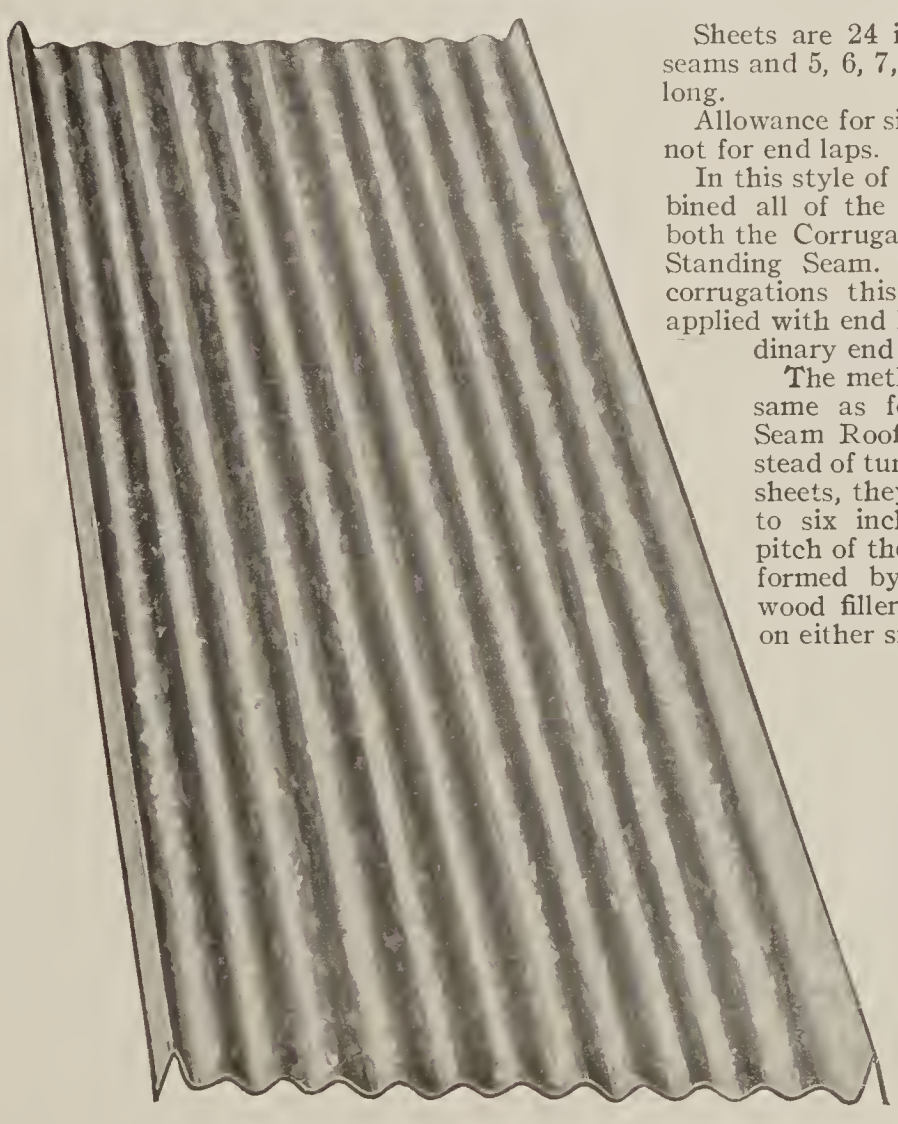
For Galvanized Nails and Lead Washers see page 32.

5/8-INCH CORRUGATED SIDING AND CEILING.
For Sidings, Ceilings, Partitions, Wainscoatings, Etc.

Fig. 4.

This size corrugation is used extensively for ceiling purposes; also for fire-proofing wooden shutters, sliding doors or openings and for lining inside frame work, joists, facing, etc., etc.

CORRUGATED ROOFING WITH PRESSED STANDING SEAM EDGES.
Painted or Galvanized.



Sheets are 24 inches wide between seams and 5, 6, 7, 8, 9, 10 and 12 feet long.

Allowance for side laps included, but not for end laps.

In this style of roofing is found combined all of the desirable features of both the Corrugated and the Pressed Standing Seam. On account of the corrugations this roofing cannot be applied with end locks turned; the ordinary end lap is therefore used.

The method of applying is the same as for Pressed Standing Seam Roofing, except that instead of turning end locks in the sheets, they are overlapped four to six inches, according to the pitch of the roof. The comb is formed by placing a piece of wood filler between the seams on either side of the ridge, and applying ridge roll.

2½-inch or 1¼-inch Corrugations.

Fig. 5.

CROSS CORRUGATED SHEETS.

Painted or Galvanized.

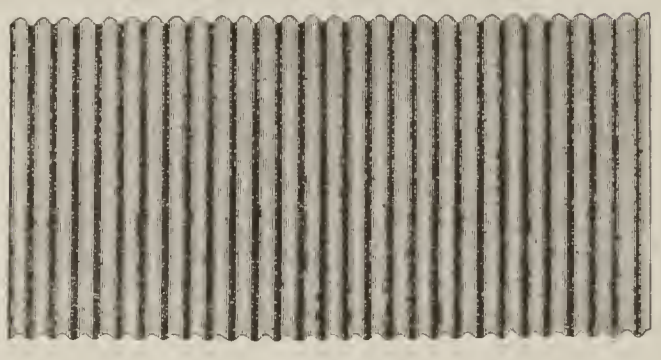


Fig. 6.

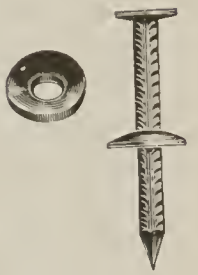


Fig. 833.
Galvanized Nails and Lead Washers.

Manufactured especially for grain elevators, mills and high buildings, where there is liability of structure settling.

2½-inch corrugations carried in stock 28 inches wide, 45, 50, 56, 66, 77, 88, 100, 110 and 132 inches long. Made in all gauges, 16 and lighter.

1¼-inch corrugations carried in stock 28 inches wide, 44, 49, 55, 65, 76, 87, 99, 109 and 130 inches long. Made in all gauges, No. 22 and lighter.

⅝-inch corrugations carried in stock 28 inches wide, 44, 49, 55, 65, 76, 87, 99, 109 and 130 inches long. Made in all gauges, No. 24 and lighter.

Other sizes will be made promptly on special orders.

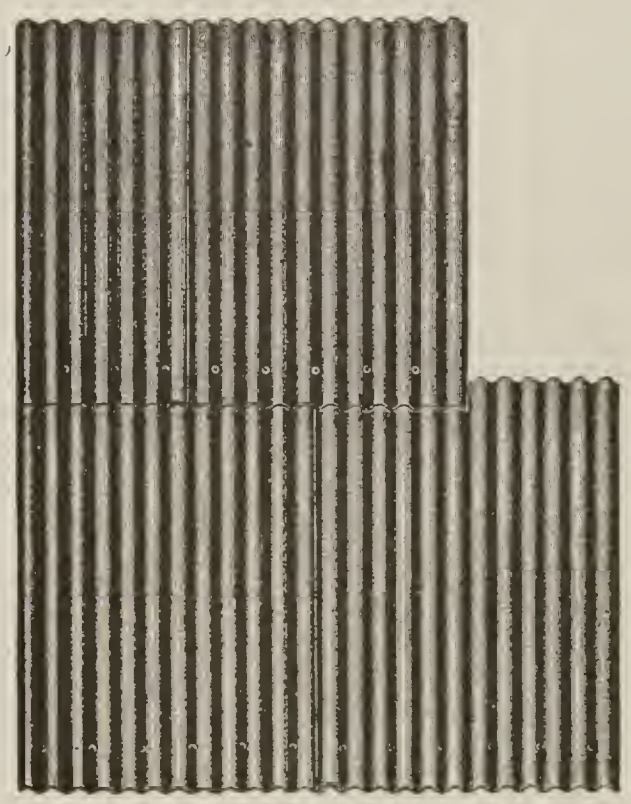


Fig. 7.

CORRUGATED ELEVATOR SHEETS.

Galvanized or Painted.

The regular size of sheets for elevator siding is 26 to 32 inches wide by 24 to 40 inches long, 2½-inch corrugations.

Elevator sheets are laid with a two-inch end lap and nailed two inches above the upper edges of lower sheets, thus allowing the sheets a play of two inches in every course if the sides of the elevator settle, which sometimes happens. By applying in this manner the sheets will not buckle nor will the nails be drawn out if settling occurs.

CORRUGATED CURVED AWNINGS.

Made from Nos. 16 to 28 gauge black, painted or galvanized sheets, with 2½-inch or 1¼-inch corrugations.

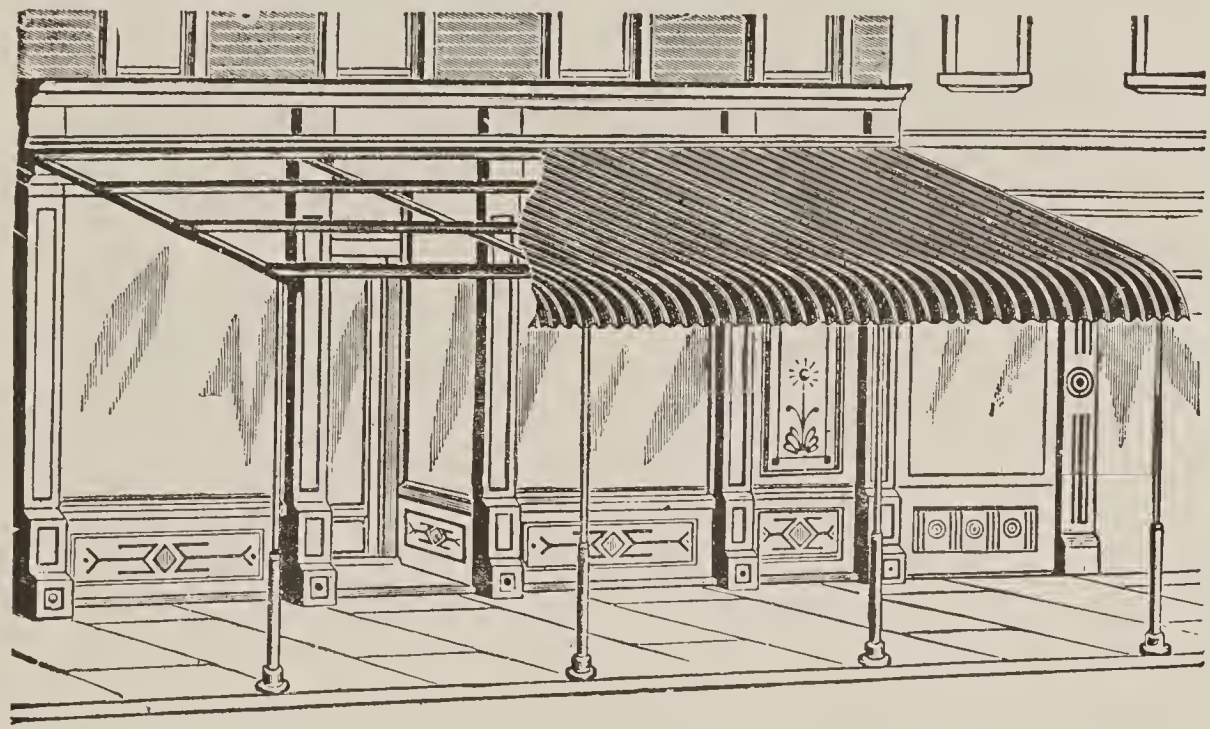


Fig. 159.
Single Curved Awning, Supported by Post and Frame.
See Figs. 172 and 174, Page 28.

Fig. 160.
Double Curved Awning, Supported by Brace and Frame.
See Figs. 170 and 171, Page 28.

ORNAMENTAL AWNINGS.

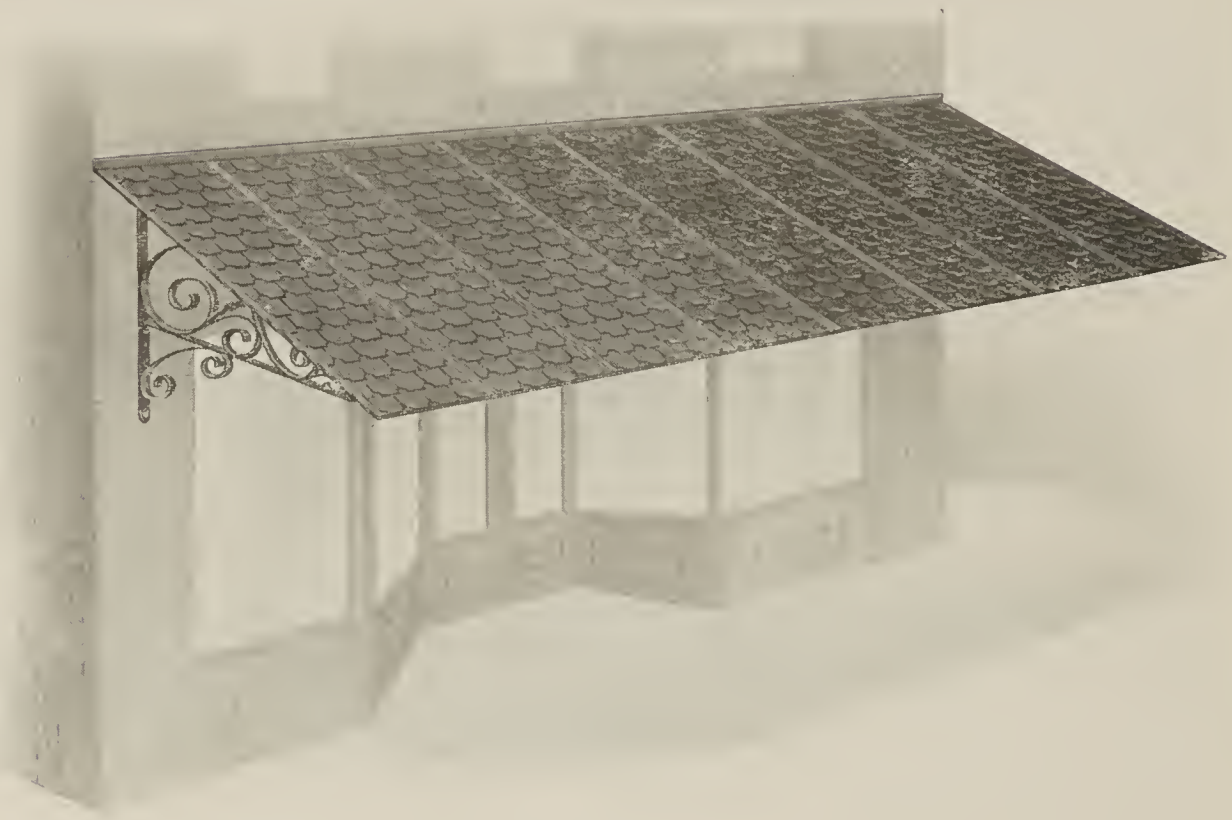


Fig. 187.

There are many places where a plain corrugated awning will mar the looks of the surroundings. For such places we have designed a neat and ornamental awning or canopy. The awnings are as strong and durable as others, cost but little more and add so much to the appearance of the building.

Prices on application.

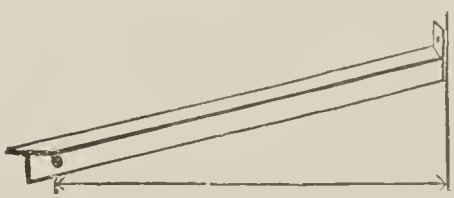


Fig. 172.
T-Iron Rafters.
Price per foot, 70 cents.

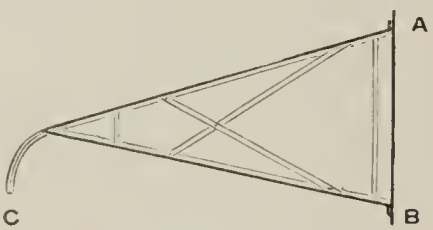


Fig. 173.
Brackets.
Price List.

Size A to B	Size B to C	
6–0	12–0	$9.50
5–6	10–0	8.00
5–0	9–0	7.50
4–6	8–0	7.00
4–0	7–0	6.50
4–0	6–0	6.00

Price includes clips for fastening wood purlins.

Angle Iron Purlins. Price 8 cents per lineal foot.

Fig. 174.
Pipe Post.

Pipe Post.

Price List.

2 -in. size....30 cents per foot
2½-in. size....40 cents per foot
3 -in. size....60 cents per foot

Price includes flange and slots and holes to secure T-Iron Rafter.

Write for discounts.

CORRUGATED CURVED AWNINGS.

How to Order.

State whether painted or galvanized corrugated is wanted and the size of corrugations, 2½-inch or 1¼-inch, also the gauge. State if T-Iron rafters, Fig. 172 or brackets Fig. 173, 185 or 186 are wanted.

If T-iron rafters are ordered, give the distance from the building to the point where pipe posts are to be placed as shown by C Fig. 183, and length of post as shown by D Fig. 184.

If brackets are ordered. give the distance from A to B and B to C, Fig. 173.

Give the total width of building as shown by A, Fig. 183 and total width that awning can project as shown by M, Fig. 185.

Give a sketch showing how brackets fasten against wall and show offset, if any, from top and lower brace. State numbers of brackets required.

State if frame is to be attached to wood, brick, stone or iron.

For flashing on roof against building, see Fig. 86, page 31.

State if Angle Iron Purlins or wood are wanted, see Fig. 184.

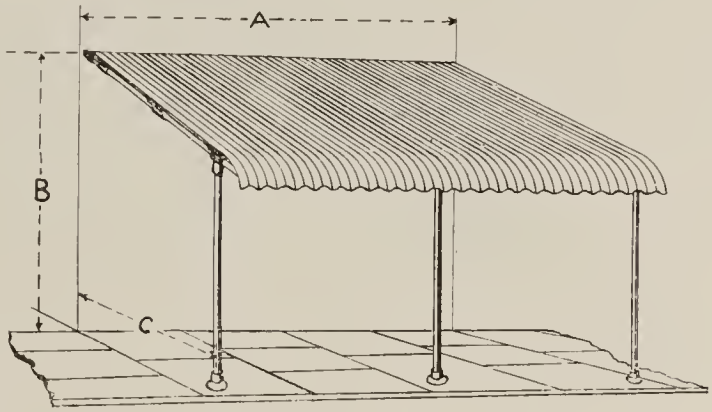


Fig. 183.

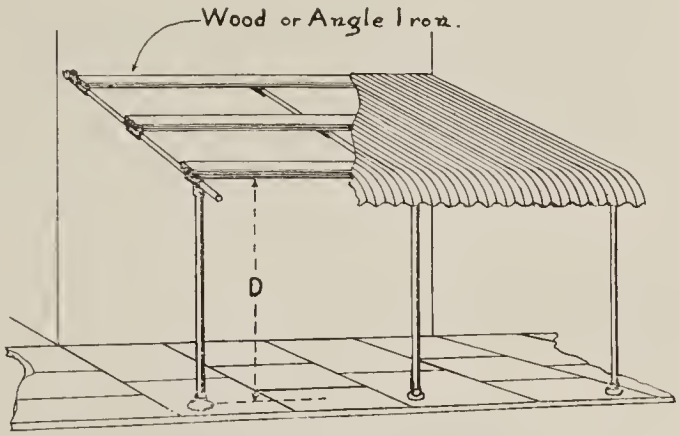


Fig. 184.

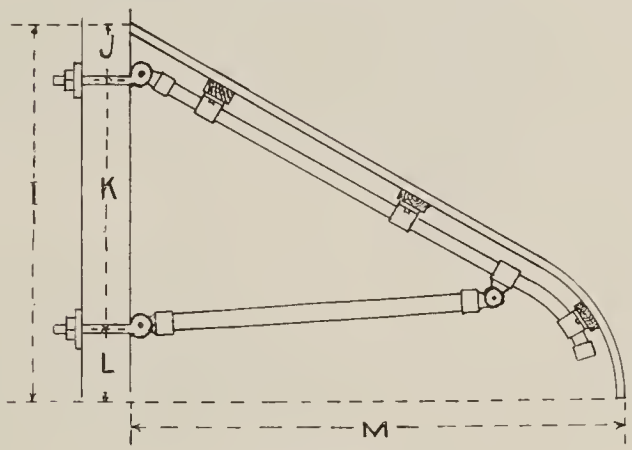


Fig. 185.

AWNINGS WITH STRAIGHT ROOF.

We furnish awnings with straight sheets, using either corrugated sheets, cluster shingles or our "Just-Right Roofing.

Prices on application.

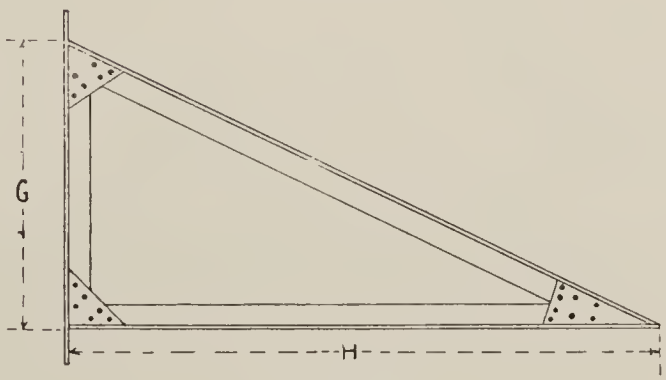


Fig. 186.

CURVED CORRUGATED SHEETS. 1¼ and 2½-Inch Corrugation.

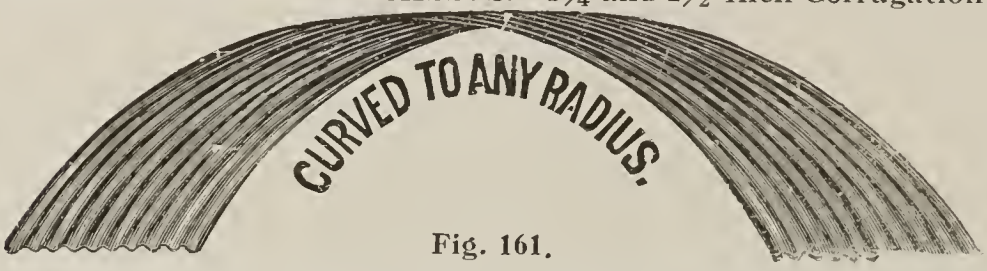


Fig. 161.

Corrugated sheet for Roofing and Ceiling. Sheets are curved to any required radius and of any length. We curve the corrugation as shown in Fig. 161 in any gauge from 16 to 28 inclusive, guaranteeing all curving to be perfect and to correspond with specifications furnished.

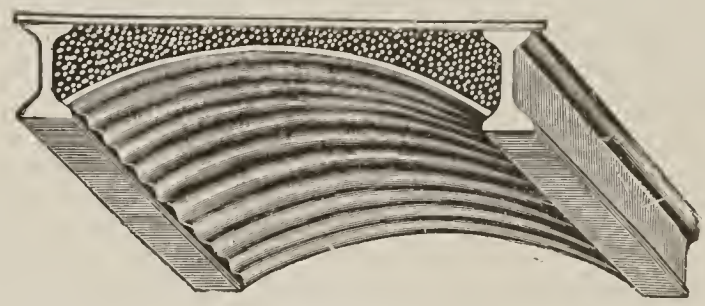


Fig. 162.

Illustrates position of curved corrugated sheets on floor beams, for ceilings in fireproof buildings after concrete filling is put in. The ceilings may be painted in any color to suit. Prices quoted on specifications only.

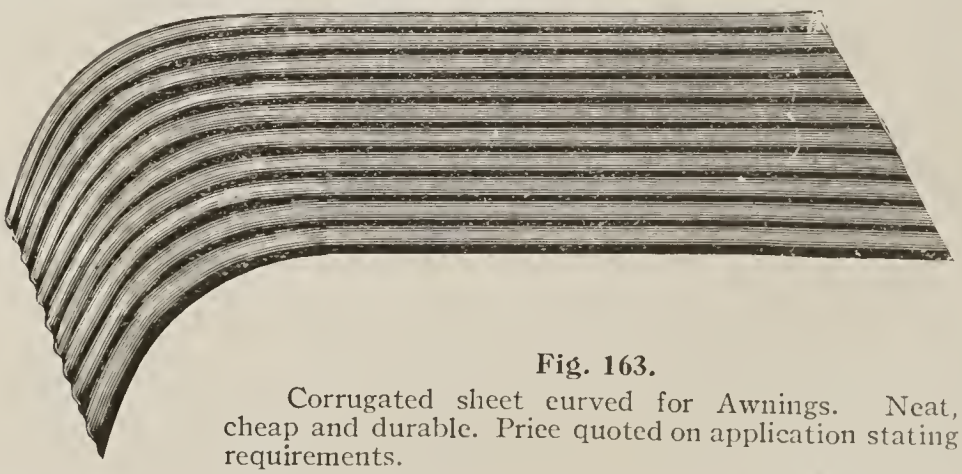


Fig. 163.

Corrugated sheet curved for Awnings. Neat, cheap and durable. Price quoted on application stating requirements.

APPLYING CORRUGATED SHEETS TO STEEL FRAME STRUCTURES.

Fig. 164.

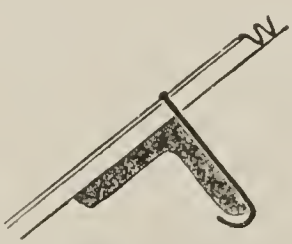


Fig. 165.

Fig. 165A.

Fig. 166.

Figures 164, 165 and 166 illustrate the most popular methods of fastening Corrugated Sheets to Steel Frames. Fig. 165A illustrates our oval head fasteners which are made from ⅛-inch soft galvanized wire in 6, 8, 10, 12 and 14-inch lengths. Side laps of sheets should be riveted every 12 to 18 inches and end laps in alternate corrugations.

Price on Clips Nails and Rivets upon application.

CORRUGATED SIDE WALL FLASHING.

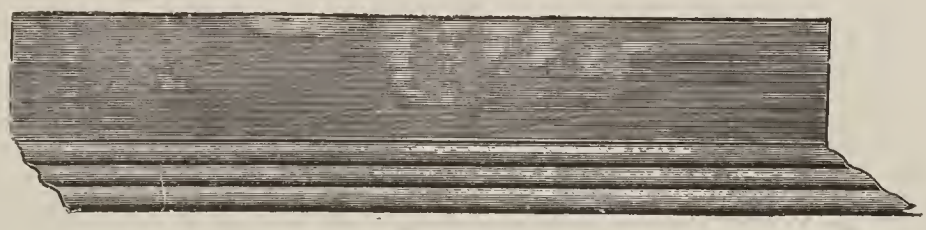


Fig. 87.

Made in both 2½-inch and 1¼-inch corrugated. Painted or Galvanized.

CORRUGATED END WALL FLASHING.

Fig. 86.

Made in both 2½-inch and 1¼-inch corrugated. Painted or Galvanized.

CORRUGATED RIDGE ROLL.

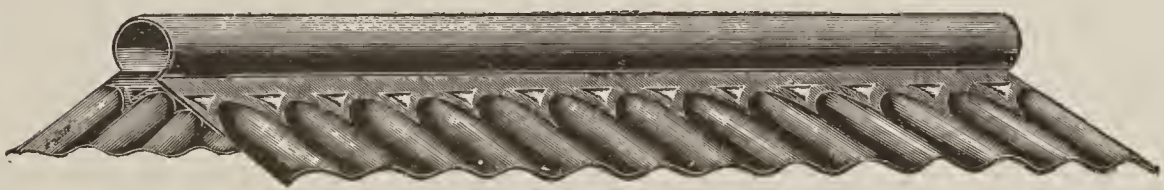


Fig. 85.

Made in both 2½-inch and 1¼-inch corrugated. Painted or Galvanized.

No. 833.
Galvanized Nails
and Lead Washers.

Fig. 158.

Shows Application of our Corrugated Ridge Roll.

CORRUGATED RIDGE CAPPING.

Fig. 84.

Made in both 2½-inch and 1¼-inch corrugated. Painted or Galvanized.

LEAD WASHERS.

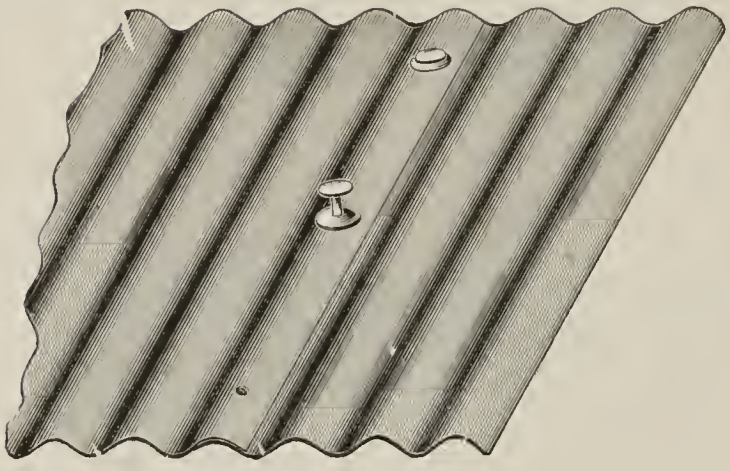
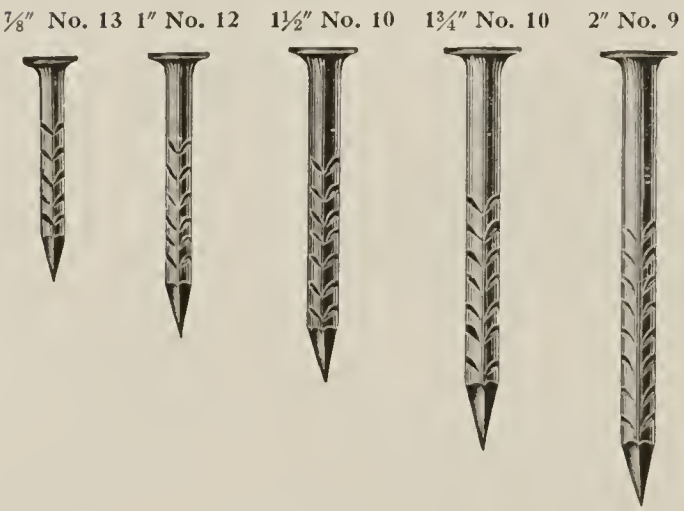


Fig. 832.

Figs. 833.

These washers make water tight joints on any surfaee. They also prevent rust below the nail head and are used extensively with all metal roofing and siding. Paeked in boxes eontaining 100 pounds each. A pound eontains 325 washers, suffieient to apply about three squares of roofing or siding. We will also furnish washers in quantities to apply special orders of roofing and siding.

"NEVER-RUST" GALVANIZED NAILS.



Shows full size of Barbed Steel Wire Nails used in fastening Corrugated Iron and other styles of Sheet Metal Roofing, Siding and Ceiling.

Fig. 835.

Made especially for us for roofing purposes. Are treated and eoated by a speeial proeess, whieh makes them absolutely rustless and consequently unlike the ordinary nails.

They will not affect metal roofing.

CORRUGATED GALVANIZED CULVERTS.

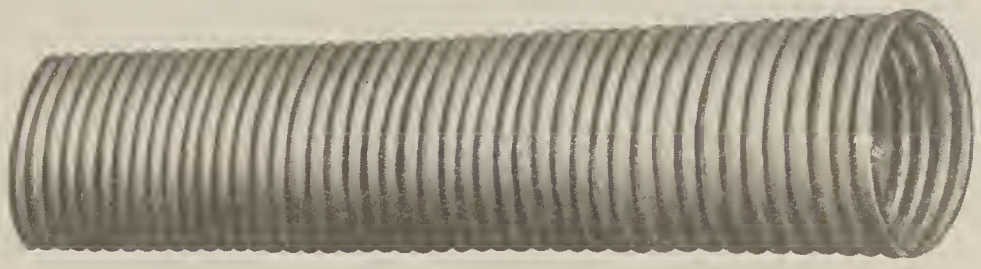


Fig. 176.

Requires No Painting.

Made from genuine rust-resisting, non-corrosive iron in multiples of two feet and in any diameter up to 96 inches. Culverts are made from No. 22 to No. 10 gauge inclusive, the diameter determining the gauge.

Furnished in any length, riveted by machinery which makes the seams tight and a straight culvert. Shipped complete in as long lengths as is convenient to handle. When lengths ordered are too long for economical handling we furnish a connecting band for joining the short lengths, enabling you to get the length desired.

Diameter in Inches.	22 Gauge	20 Gauge	18 Gauge	16 Gauge	14 Gauge	12 Gauge
	Price Per Foot	Price Per Foot	Price Per Foot	Price Per Foot	Price Per Foot	Price Per Foot
8	.50	.57	.71	.....	.....	.....
10	.63	.73	.91	.....	.....	.....
12	.75	.85	1.15	1.35	.....	.....
15	.95	1.10	1.45	1.70	.....	.....
18	1.20	1.35	1.75	2.05	2.50	.....
24	.....	1.70	2.25	2.65	3.10	.....
30	.....	2.15	2.80	3.30	3.95	.....
36	.....	.....	3.40	4.00	4.80	6.40
45	.....	.....	4.20	5.00	6.00	8.00
48	.....	.....	4.50	5.50	6.50	8.60
60	.....	.....	.....	6.70	8.00	10.80
72	.....	.....	.....	8.00	9.50	14.20

FACTS.

Made in one piece, the width of your road, hence no joints to break loose.

The corrugations form a binder with the soil, hence wash outs are unknown.

Being machine riveted the seams are tighter and the culvert straighter.

No tools of any sort necessary to install one of our corrugated culverts.

Have the approval of the United States Good Roads authorities.

CARRYING CAPACITY.

Showing how many culverts of one size it takes to carry as much water as any larger size, each culvert having a fall of one inch to the hundred feet.

Example—One 60-inch culvert will carry as much water as 86 12-inch culverts.

60″	48″	36″	30″	24″	18″	12″
1	1¾	3½	6⅞	14⅓	34⅖	86
	1	2½	3⅞	8⅙	19⅖	49
		1	1⅞	4	9 7/10	24¼
			1	2¼	5	12½
				1	2⅖	6
					1	2½

MECCO PORTABLE ALL METAL GARAGE.

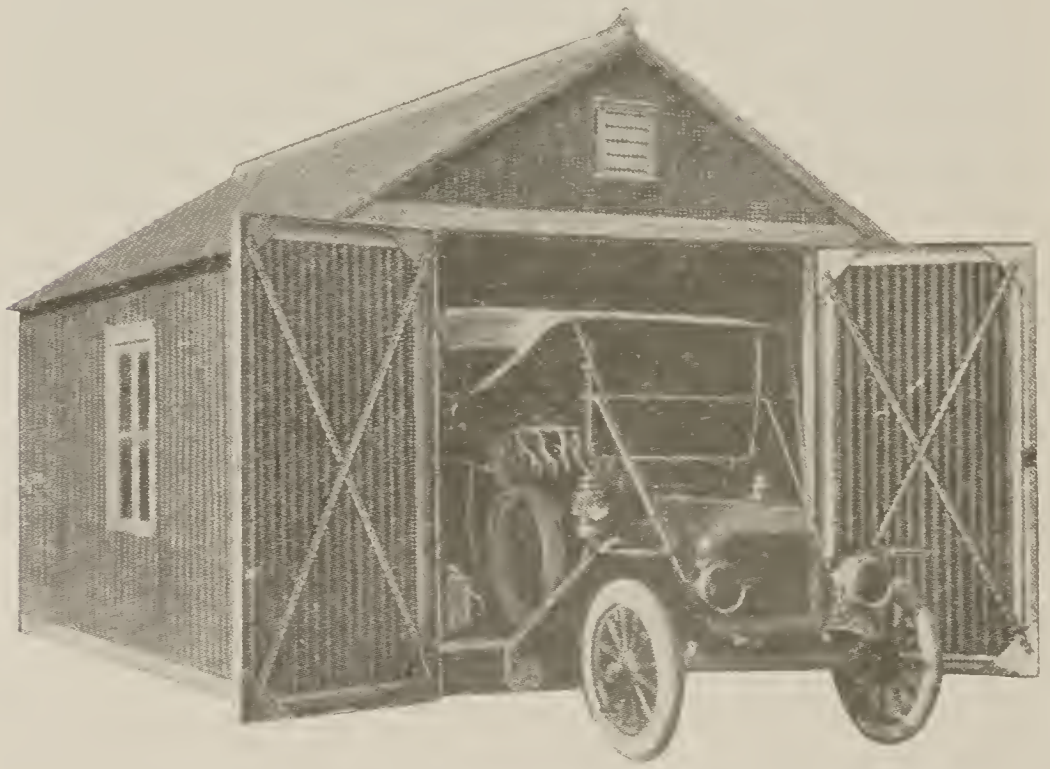


Fig. 177.

Made entirely of metal, riveted and bolted together. Each section is made of heavy corrugated iron, riveted to angle iron frames in 4 x 8 foot units. The corners of all frames are reinforced with gusset plates, and when set up according to blue print and instructions which we furnish, it is absolutely rigid, fire-proof, storm-proof, lightning-proof, and will last a lifetime.

The Mecco Portable Garage can be erected in two or three hours, as the construction is very simple. With each garage we furnish:

One pair double entrance doors, each 4 x 8 feet, braced and fitted with hasp for padlock.

Two Louvre Ventilators for the gables to remove all fumes and keep the interior of the garage dry.

Three fireproof windows with wire glass, all necessary bolts and nuts for the complete assembling of the building.

We do not furnish floors.

NOTE:—To meet every requirement of those who are interested in Metal Garages, we make in addition to the above a strictly good, low cost, wood frame Metal Covered Garage. Also an All Metal Garage of different frame and exterior construction, as well as an All Metal Garage of portable construction which is put together with bolts and which can be erected by anyone who will follow the detailed instructions enclosed with invoice.

Fire-proof portable buildings made for all purposes, and any size, suitable for Real Estate Offices, Powder or Oil Houses, Bunk Houses for contractors, Section Houses for Railroads, Chicken Coops, Boat Houses, Summer Camp Houses, etc.

Prices quoted on receipt of specifications. Send for illustrated circular.

BEADED SIDING AND CEILING.

Painted or Galvanized.

Fig. 39.

Shows sheet of Beaded Siding and Ceiling. Sheets cover 24 inches from center to center of outside beads and can be furnished any length up to 10 feet. The beads are small corrugations, 3/8-inch wide and 1/8-inch deep, spaced 3 inches from center to center.

This style of ceiling is very desirable in stores, churches, warehouses, factories, engine rooms, boiler rooms, public halls, paper mills, glass factories, etc.

No special tools required. The sheets should be lapped one or two inches at ends and over one bead at side. Can be applied perpendicularly or horizontally (as preferred) to boards, studding or joists placed the proper distance apart, or over old plaster. Purchasers can paint it any desired color. Regular length sheets, 4, 5, 6, 7, 8, 9 and 10 feet. We always ship sheets 8 feet long unless otherwise ordered. One square consists of 6 1/4 sheets 24 x 96 or its equivalent and will lay one square, less the lap at the end of the sheets.

PRESSED STEEL BRICK SIDING.
PAINTED OR GALVANIZED.

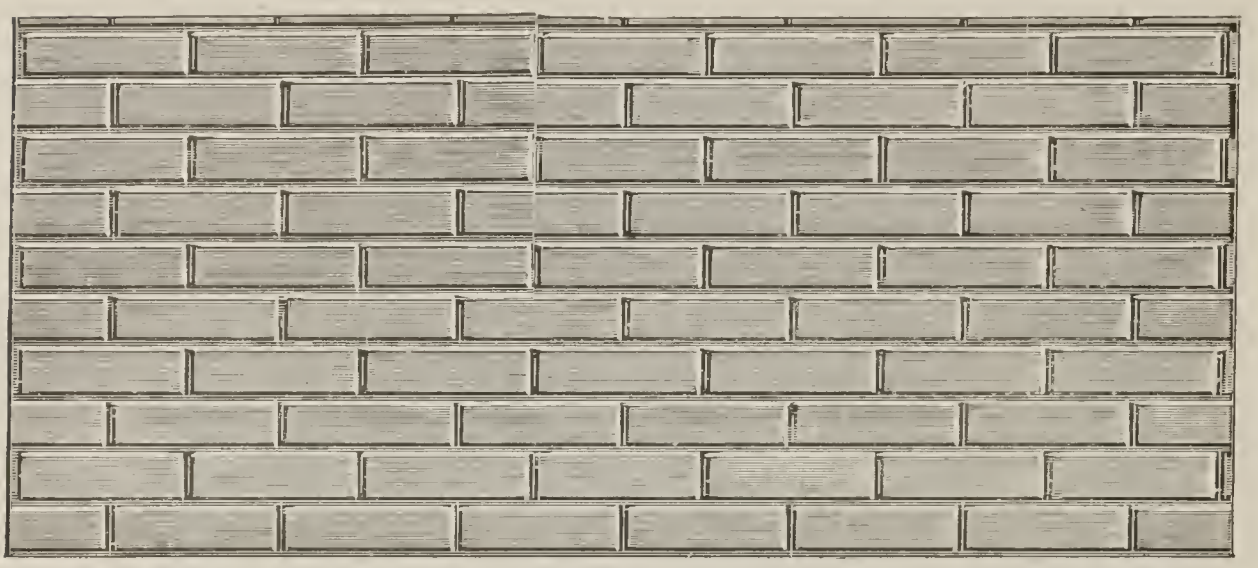


Fig. 40.

Pressed Steel Brick Siding ready for application. Can be applied by any mechanic. Costs no more than best wood siding and about one-fifth that of brick.

In beauty of appearance, durability, cheapness, and as a protection against fire, we claim this siding has no equal. Most Insurance Underwriters give this style of covering the same rating as Brick or Stone.

ALWAYS LAY THE CONCAVE OR HOLLOWED PART OF MORTAR LINE ON OUTSIDE.

Corner Trimming and Pilasters. See page 37.

ROCK-FACED BRICK SIDING.

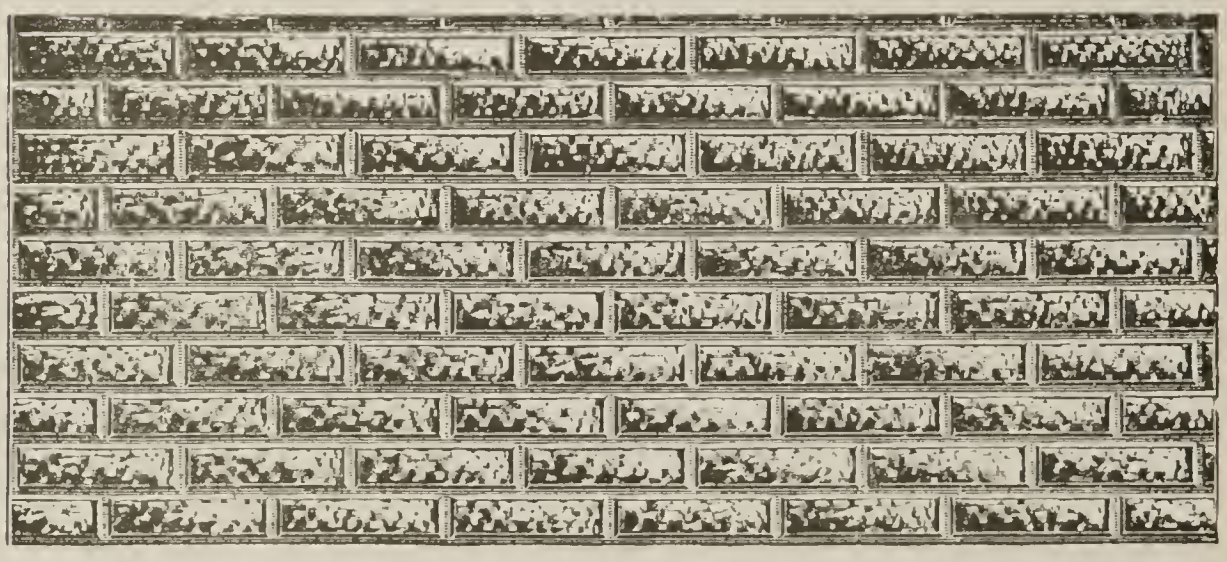
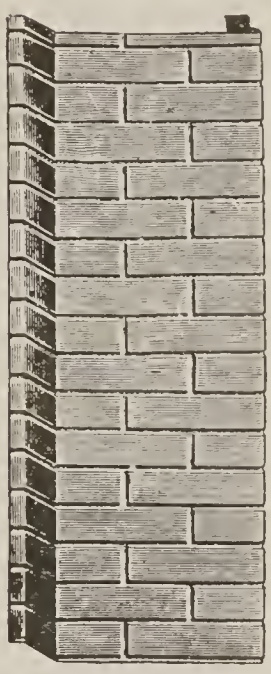


Fig. 41.

When applied has the appearance of rock-faced brick.

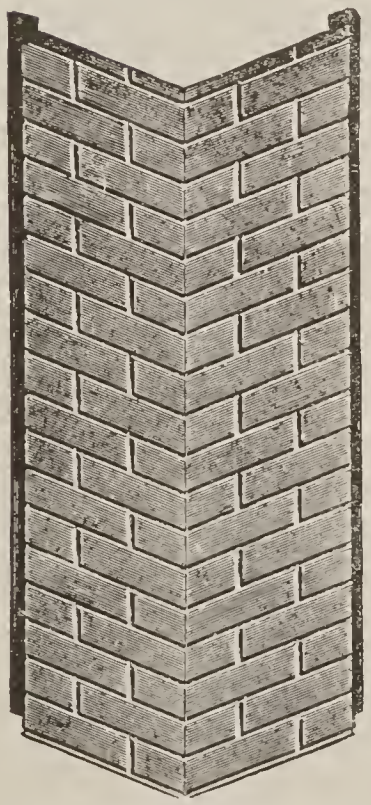
CORNER TRIMMINGS AND PILASTERS

Painted or Galvanized.

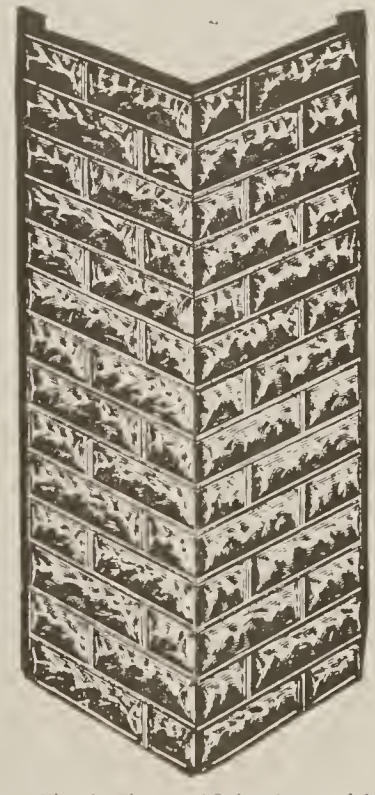


Face 13 inches wide.
Fig. 40A.

Face, 13 inches wide.
Fig. 41A.



Each Face, 13 inches wide.
Fig. 40B.



Each Face, 13 inches wide.
Fig. 41B.

Corners and Pilasters show 13 inches to the weather on each face. Use a wood back, 7/8-inch thick and 12¾-inch wide.

ROCK FACE STONE SIDING.

Painted or Galvanized.

Fig. 42.

It is unquestionably an elegant facing for store fronts and is now generally preferred to the old galvanized iron fronts, because it is cheaper, makes a handsomer front and is more easily applied.

Architects, builders and contractors have endorsed the use of Rock Face Siding for dwellings, school houses, business blocks, factories, opera houses, auditoriums, in preference to any other style of siding.

Our Metal Sidings can be applied by any mechanic, lay perfectly smooth and after being painted are a good imitation of and substitute for brick or stone.

Cost about half as much as wood siding and about one-eigth that of brick. In beauty of appearance, durability, cheapness, and as a protection against fire, we claim these sidings have no equal. Most insurance underwriters give this style of covering the same rating as brick or stone.

CONTINUOUS ROCK-FACED STONE.

PAINTED OR GALVANIZED.

Used for Belt Courses, Windows and Door Caps, Window Sills, etc. Made 4, 6, 8 and 10 inches in width and 5 and 10 foot lengths.

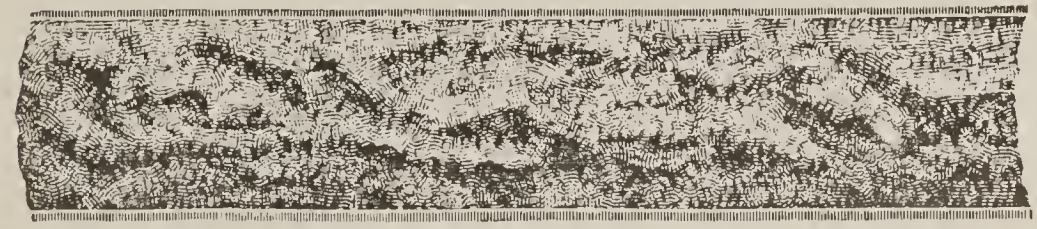


Fig. 208.

CORNER TRIMMINGS AND PILASTERS.

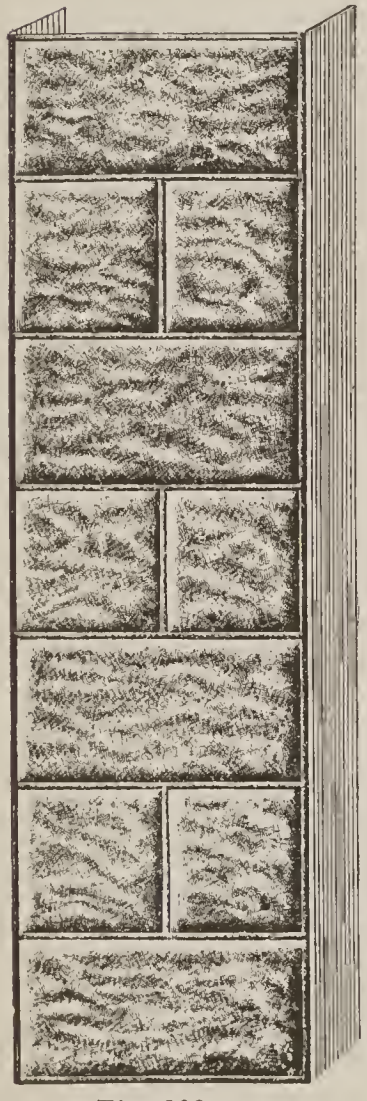


Fig. 209.

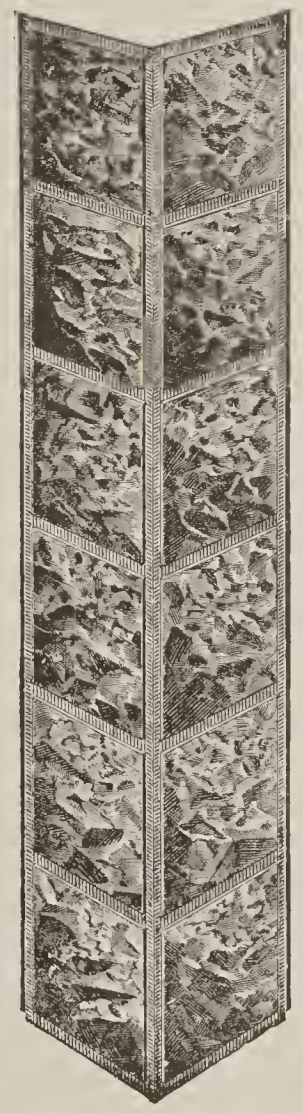


Fig. 210.

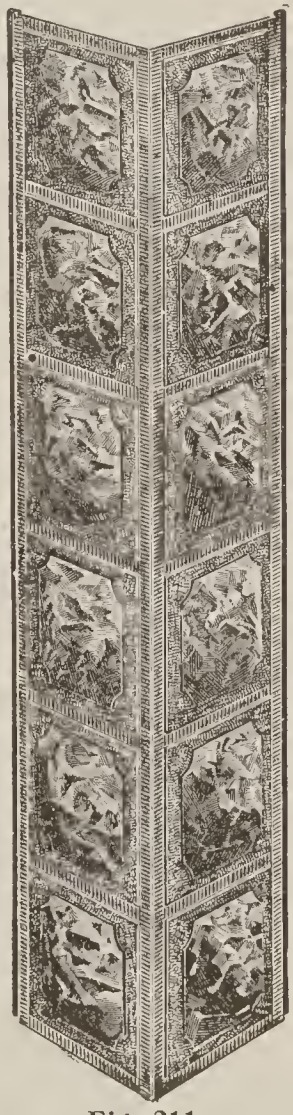


Fig. 211.

These Corners show 12 inches to the weather on each face. Use a wood back $\frac{7}{8}$-inch thick by the width of the face of the corner plate. After placed in position proceed to apply the siding.

Prices on Application.

WEATHER BOARD SIDING.

Painted or Galvanized.

Fig. 38.

Used extensively as siding on frame buildings. Cheap, durable and fire-proof and the preferred substitute for Wooden Weather-Boarding.

We furnish 6¼ sheets 24 x 96 inches for a square, which will lay 100 square feet on building, less the laps at the end of the sheets.

Eight foot lengths can be applied directly to studding 16 inches from centers, or on rough sheathing. In order to provide for 1-inch end laps, place every sixth stud 15 inches from centers. When applying to sheathing, place nails 4 to 6 inches apart, along the horizontal laps and immediately under the projecting crimp. When applying to studding nail to each stud. Nail end laps at the upper edge of each face or "board."

Manufactured in 5, 6, 7, 8, 9 and 10 foot lengths.

Fig. 213.

Shows Metal Corner Boards used in finishing corners and angles of buildings in connection with Weather-Board Siding.

Corner Boards are sold by the lineal foot and made in lengths from 2 to 10 feet.

Each face is made 4 inches wide.

PLAIN CORNICE, WINDOW AND DOOR CASINGS.

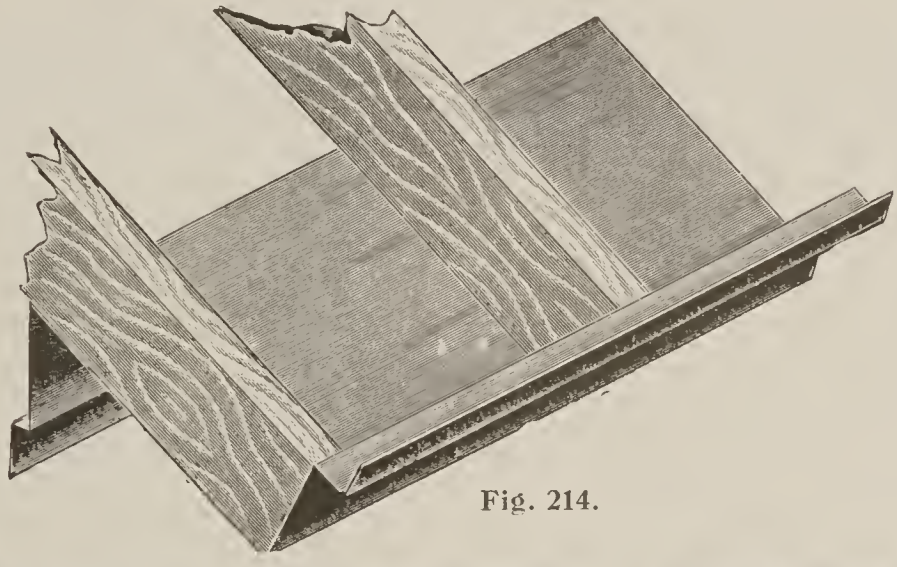


Fig. 214.

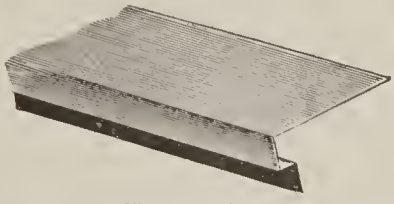


Fig. 215.

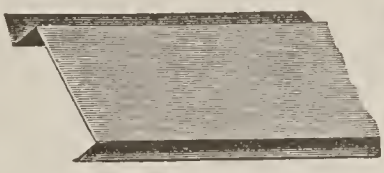


Fig. 216.

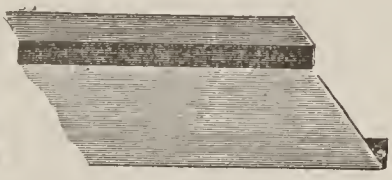


Fig. 217.

Plain Cornice.

Fig. 214.	Painted	Galvanized
24-inch Girt, per lineal foot	$0.18	$0.24
26-inch Girt, per lineal foot	.19½	.26
28-inch Girt, per lineal foot	.21	.28
30-inch Girt, per lineal foot	.23	.30

Sills for Windows and Doors.

Fig. 215.	Painted	Galvanized
9-inch Girt, per lineal foot	$0.07	$0.09
10-inch Girt, per lineal foot	.07½	.10
12-inch Girt, per lineal foot	.09	.12

Casings and Caps for Windows.

Figs. 216 and 217.	Painted	Galvanized
3-inch Face, 10-inch Girt, per lineal foot	$0.07½	$0.10
4-inch Face, 11-inch Girt, per lineal foot	.08½	.11
5-inch Face, 12-inch Girt, per lineal foot	.09	.12

BARN DOOR TRACK COVER.
Galvanized or Painted.

Fig. 219.

Protects barn door rails from rain and snow, preventing wheels and rails from rusting. Usual size, 10-inch girth. Made in 10-foot lengths.

METAL SHINGLES.

For Roofing and Siding.

Painted and Galvanized.

We are now offering to the trade a full line of Sheet Metal Shingles. These Shingles are adapted and unequaled for Residences, Schools, Churches and Public Buildings of all kinds. They make a practical, durable and ornamental roof and are equally suitable for siding. From a viewpoint of beauty they cannot be excelled. They are perfectly water tight and are the only shingle on the market with a continuous seal at the end of the side locks. It is impossible for rain, snow and sleet to blow under them.

"Standard Shingles" are made in three sizes, the larger sizes being used for covering buildings with ordinary pitch and the smallest size for ornamenting Gable Ends, Towers, Porches, Roofs, etc. A careful examination of our shingles will convince the most skeptical of the superiority of our mechanical and scientific construction. We do not use light weight material and sacrifice quality in order to lower our cost. To those who want the best, both in material and construction, we are prepared to furnish a high grade article at a moderate price. This applies also to our "Justright," "Ideal" and "Covington" Shingles, illustrated on pages 44, 45 and 46, which however, are made in one size only, 10 x 14.

Galvanized Shingles require no painting, unless desired for appearance. There are no cracks in the coating of our shingles, as we use a special tight coated stock, manufactured for us exclusively. We stand back of all our goods and guarantee our Metal Shingles to be absolutely free from all imperfections in the zinc coating.

Our Painted Shingles are not made from wasters. All shingles are made from sheets of prime terne plates and are covered with a coat of special paint (which is mixed with pure linseed oil), with a dipping process which covers all parts, including the lock. We recommend that another coat of good quality metal roofing paint be put on as soon as convenient after the roof is laid.

Our shingles are packed in strong boxes containing one square.

All trimmings, such as Valleys, Flashings, Hips, Ridges, etc., are shown on the following pages.

METAL SHINGLES.

Fig. 56.
Standard Metal Shingles.
Made of galvanized steel. Painted IC and IX tin or copper.

"Standard" lock joint metal shingles are ornamental, durable, inexpensive and absolutely weather-proof. Wind will not affect them. Expansion and contraction provided for. No repairs are required. They are fire-proof.

"Standard" shingles made in three sizes: 7x10 inches, 10 x 14 inches and 14 x 20 inches.

Packed in boxes containing sufficient quantity to lay one square to the weather.

Sizes	7 x 10 in.	10 x 14 in.	14 x 20 in.
No. per Square	312	140	67

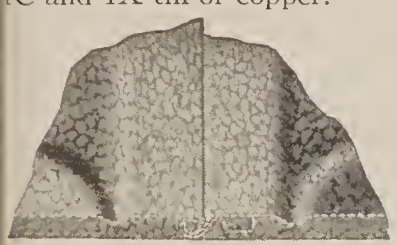


Fig. 228.
Cut shows a continuous seal at end of side lock; impossible for rain, snow or sleet to blow up under it. Ours is the only shingle on the market having this feature.

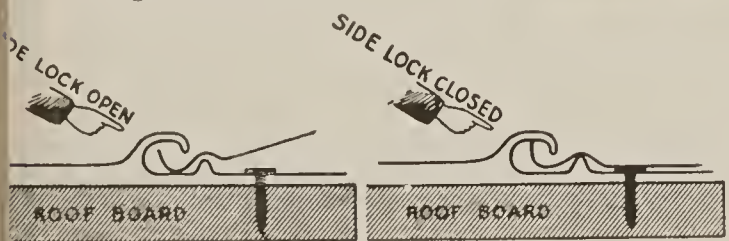


Fig. 227.
Provision is made for expansion and contraction.

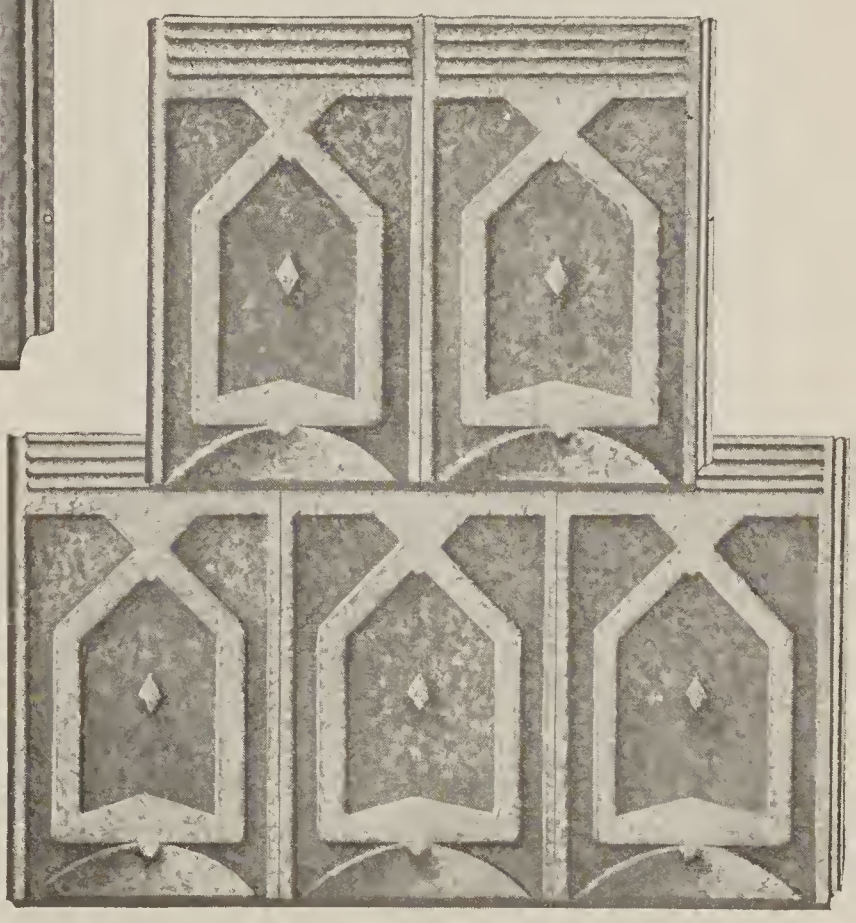


Fig. 56A.

No solder required. No nails exposed. No extra tools neeessary. **Any mechanic can apply them.**

Also suitable for Siding, Mansards, Gables, etc.

METAL SHINGLES.

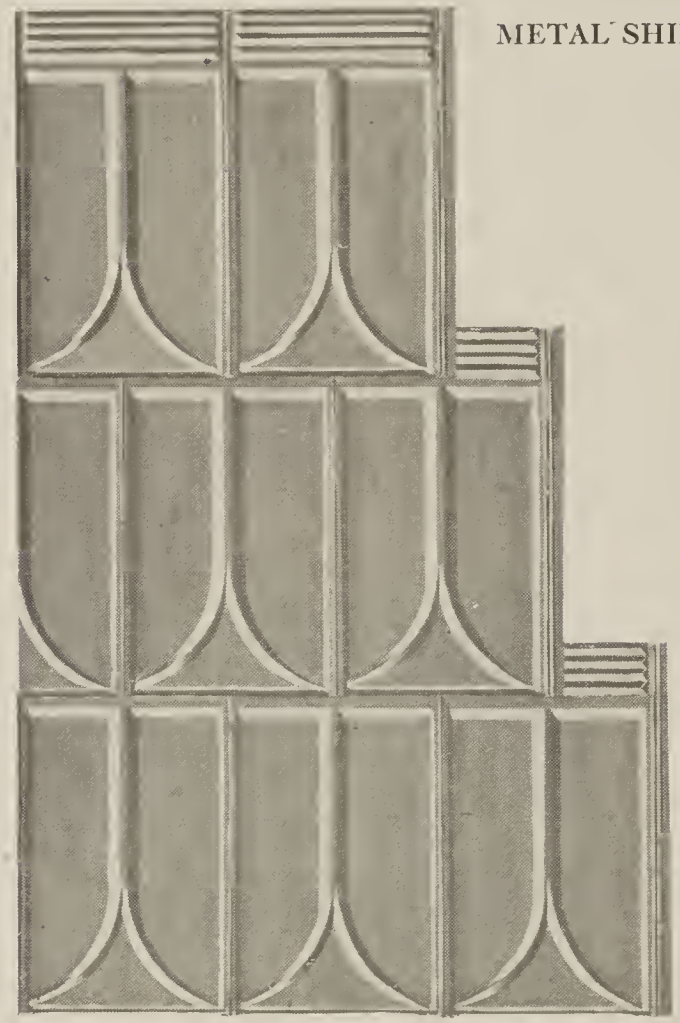


Fig. 57A.
Shows Justright Shingles assembled.

"Justright" Shingle.

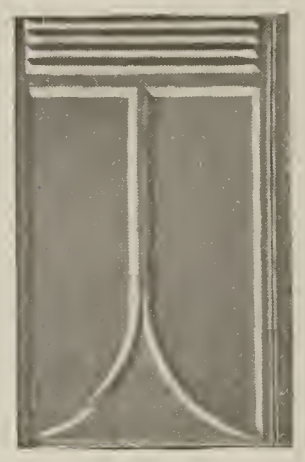


Fig. 57.

Justright Metal Shingles are manufactured in one size, 10x14 inches, and are packed one square in a box. A square consists of 140 shingles, a sufficient number to lay a square to the weather.

See figures 228 and 227, page 43 for construction of lock and end finish.

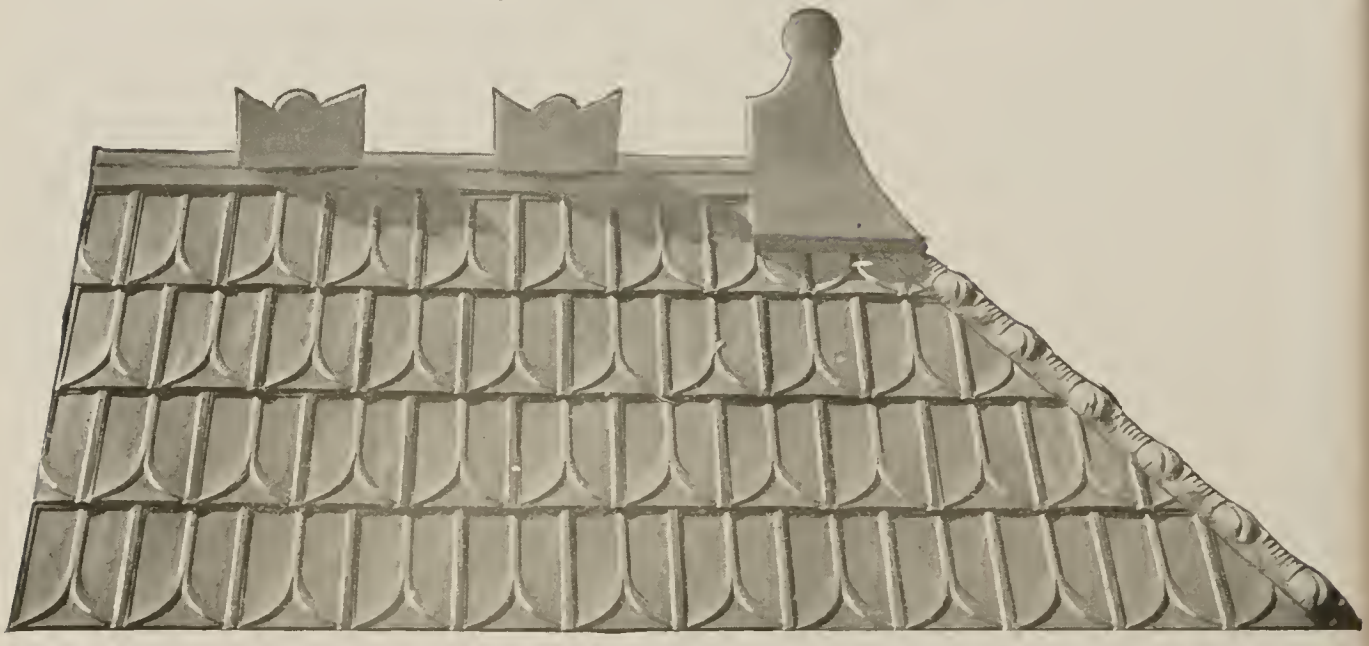


Fig. 57B.
This shows application of our Justright Shingle (Fig. 57) with ornamental Ridge Capping, Finial and Hip Shingles in position.

METAL SHINGLES.

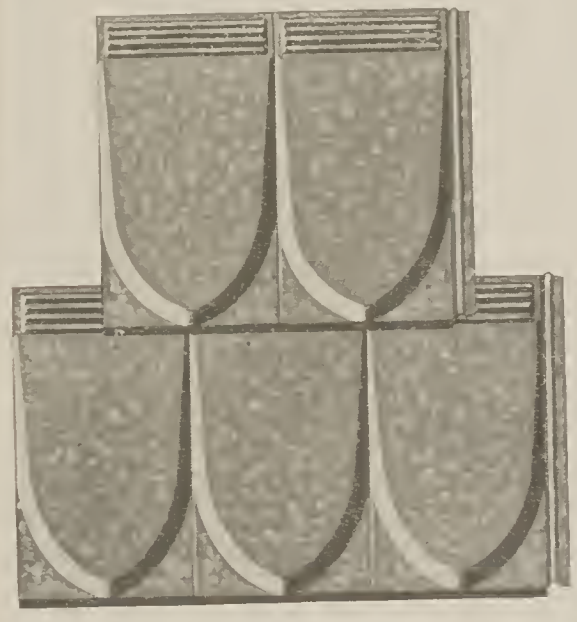


Fig. 58A

Shows Ideal Shingles Assembled.

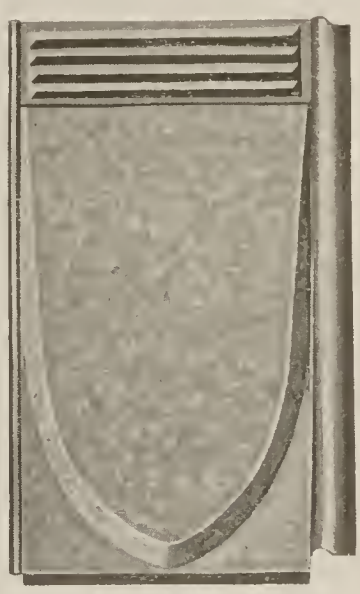


Fig. 58.

IDEAL SHINGLE

Manufactured in one size, 10 x 14 inches, and packed one square in a box. A square consists of 140 shingles, a sufficient number to lay a square to the weather. See figures 227 and 228 for construction of lock and end finish.

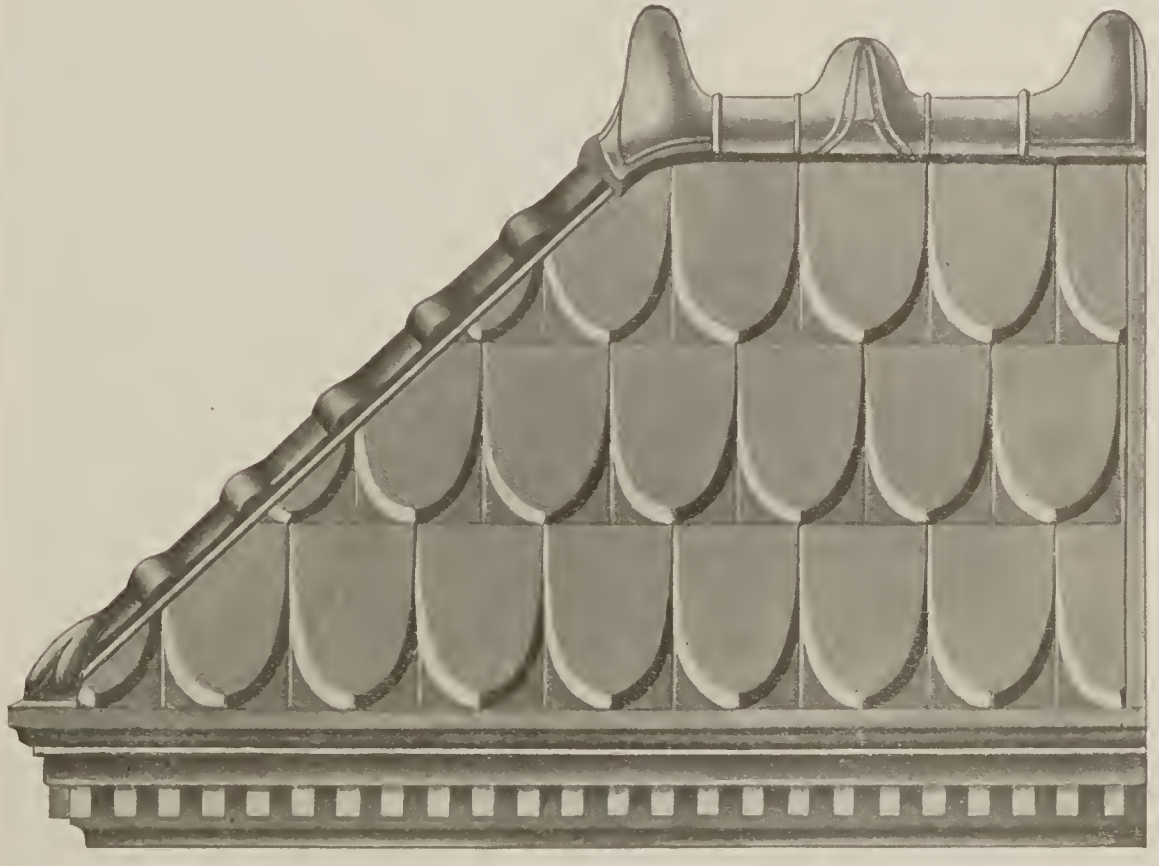


Fig. 58B.

This shows application of our "Ideal" Shingles, Fig. 58, with ornamental Ridge Capping, Finial and Hip Shingles in position.

METAL SHINGLES.

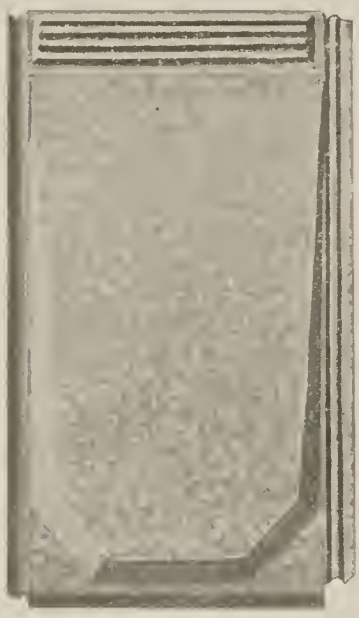


Fig. 59.
"Covington" Metal Shingle.

Manufactured in one size, 10 x 14 inches, and packed one square in a box. A square consists of 140 shingles, a sufficient number to lay a square to the weather.

See figures 228 and 227, Page 43, for construction and end finish.

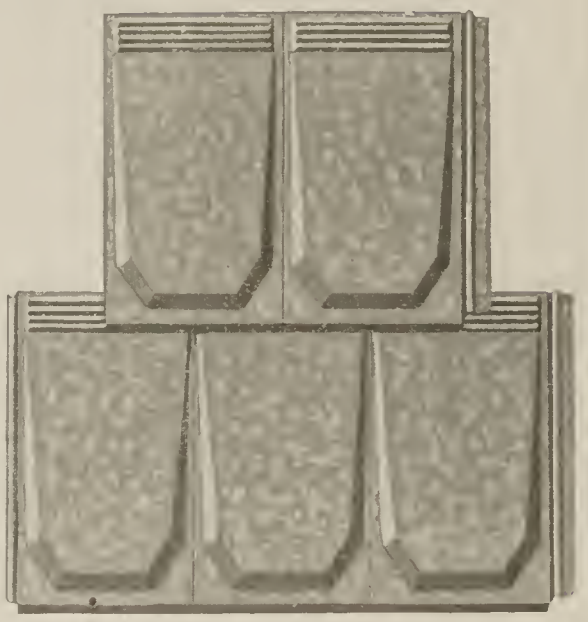


Fig. 59A.

Shows "Covington" Shingles assembled.

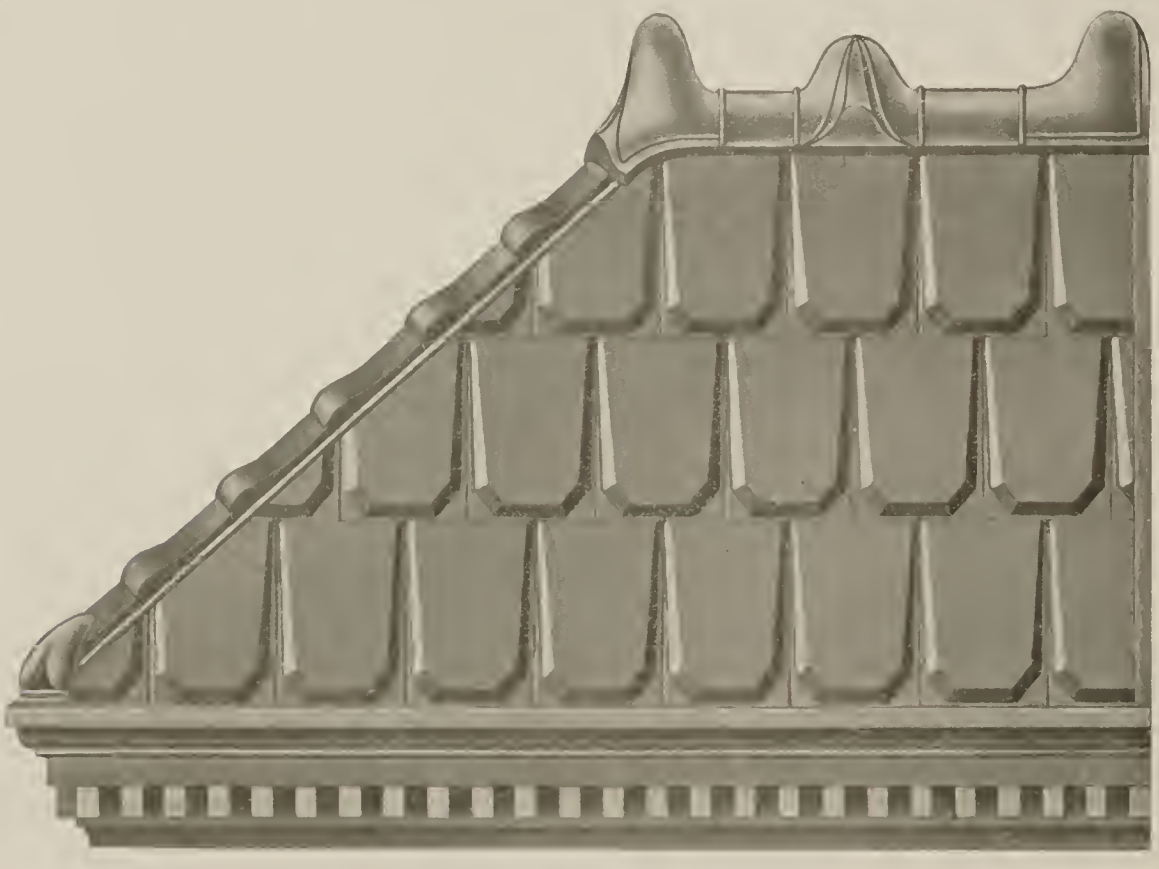


Fig. 59B.

This shows application of our "Covington" Shingles, Fig. 59, with ornamental Ridge Capping, Finial and Hip Shingle in position.

METAL SHINGLES.

Special Fittings.

Fig. 91.—Superior Ridge Roll

Fig. 92.—Superior Ridge Capping

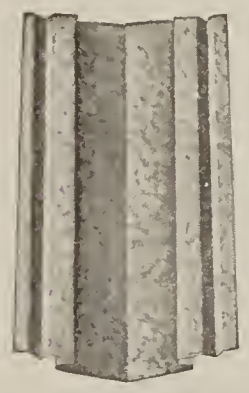


Fig. 93.
Superior Valley

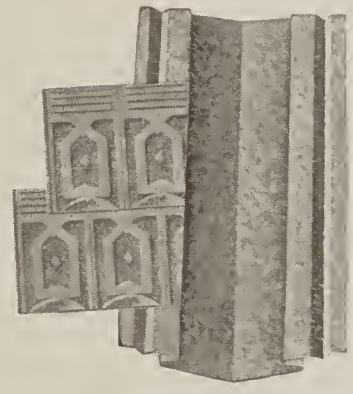


Fig. 94.
Shows manner of locking Shingles to Superior Valley

Fig. 95.
Gable End Finish

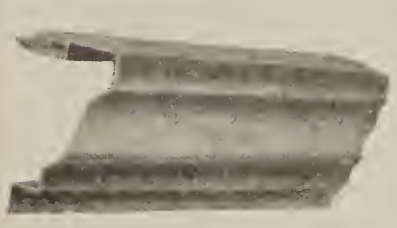


Fig. 96.
Combination Gable and Moulding.

Fig. 97.
Hip Shingle.

Fig. 98.
Superior Shingle Gutter. Shingles lock over fold same as on valley.

GENERAL INSTRUCTIONS FOR APPLYING METAL SHINGLES, VALLEY, RIDGE CAPPING, HIP SHINGLES, ETC.

Metal Shingles are suitable for any roof upon which wood shingles or slate can be used; upon all roofs having a pitch of three inches or more to the foot.

Metal Shingles are laid by the same rules that govern the laying of wood shingles or slate: Cover building with sheathing boards laid tight joint; good common boards will answer, but must be of even thickness. Sheathing boards must always be laid either parallel with the ridge and eaves or diagonally—never lay sheathing boards up and down.

The use of sheathing paper laid underneath the shingles is recommended. Being a non-conductor, it adds much to the warmth of the house in winter, makes the house cooler in hot weather and adds but little to the cost of the roof. Never use tarred paper under metal roofing, the acid in the tar injures the metal.

The center of each shingle must be exactly over joints of last course laid, so as to break joints. Commence laying the shingles at the lower left hand corner of the roof, when facing the comb of the roof. Let the first course project over the eaves about one inch or more, using a line, keeping the courses straight at the bottom. The bottom end of the shingle is the guide to lay a straight course and not the top. Always best to use a chalk-line for bottom of each course to insure a perfect job.

At the ends of the building let shingles project about one inch over the verge or barge-board, turn sides down and nail them to verge-boards. Where cutting and fitting are necessary, the good judgment of the workman must be his guide. If there be a gutter formed near the eaves, have the shingles rest upon it, as you would if using wood shingles or slate.

Lay our Special Valley from eaves to comb of roof, nailing only on the outer edge of the flange. The use of our Special Valley will insure a perfect weather-proof joint and greatly assist in laying the shingles.

In laying shingles toward the Valley to connect up the Valley, cut the shingles to the same mitre as the Valley, allowing them to project about one-half inch over the fold in the Valley and turn same under to form a hook, then with hand-tongs or other tool lock the shingle to the flange of the Valley. The fold in the Valley allows for contraction and expansion.

In working from the Valley, it is best to lock three or four shingles together, place them in position on the roof with bottoms parallel with eaves, tack them at the top, then with straight edge mark and cut shingles to fit angle of the Valley, allowing about one-half inch to bend under and lock on the flange of the Valley. This is easily done with hand-tongs or other tool.

Our Ridge Roll and Ridge Capping must be put in place and nailed to the sheathing before the last course of shingles is laid at the top of the roof. Slide the tongue end of one piece of Capping into the opposite end of the next piece to make a snug joint. Nail Capping through nailing flanges; do not nail through the folds. Insert the top of the last course of shingles into the folds of the Ridge Capping over the nailing flanges, thus protecting the nail-heads from the weather, and making an absolute weather-proof finish.

Hip Shingles are applied over the main roof shingles after they are all laid and nailed in place. The roof shingles are laid clear to the hip and allowed to project and cut off one inch beyond the hip line. This projection is to be turned down over the hip and nailed. The shingles on the other side of the roof are allowed to project about one inch back over the hip line and over the side already finished, turned down and nailed.

At the hip there is a double covering of shingles, both edges nailed. The Hip Shingles are then laid in place and nailed, starting from the bottom upward, over-lapping each other enough to make a tight joint.

In flashing against a side wall bend the shingle so that it projects up the side of the wall three inches or m ore and counter-flash down to within one inch of the roof line. These directions apply to dormers, chimneys, skylights, etc., etc.

Any good carpenter or workman who understands the simple rules for applying wood shingles or slate will have no trouble in laying metal shingles. No solder is used. A pair of snips and hammer, the most ordinary of tools, are required to apply a metal roofing that is waterproof, fireproof, ornamental, not expensive, and if properly painted will last without repairs as long as the building stands.

CLUSTER SHINGLES.

Painted and Galvanized.

These designs, which are new and original, will add greatly to the appearance of your building and cost but little more than our regular roofings.

The embossing gives beauty, strength and rigidity, prevents rattling and buckling and adds durability by keeping it dry and cool. The embossing permits of free and uninterrupted circulation of air on the underside, preventing the accumulation of moisture and its results—rust and corrosion.

These shingles look like slate and are furnished in sheets, 24 inches wide and in lengths 5 to 10 feet long. A hammer and nails is all that is required to apply them. These shingles can be applied on rafters or over old wood shingles and are applied the same as V crimp roofing.

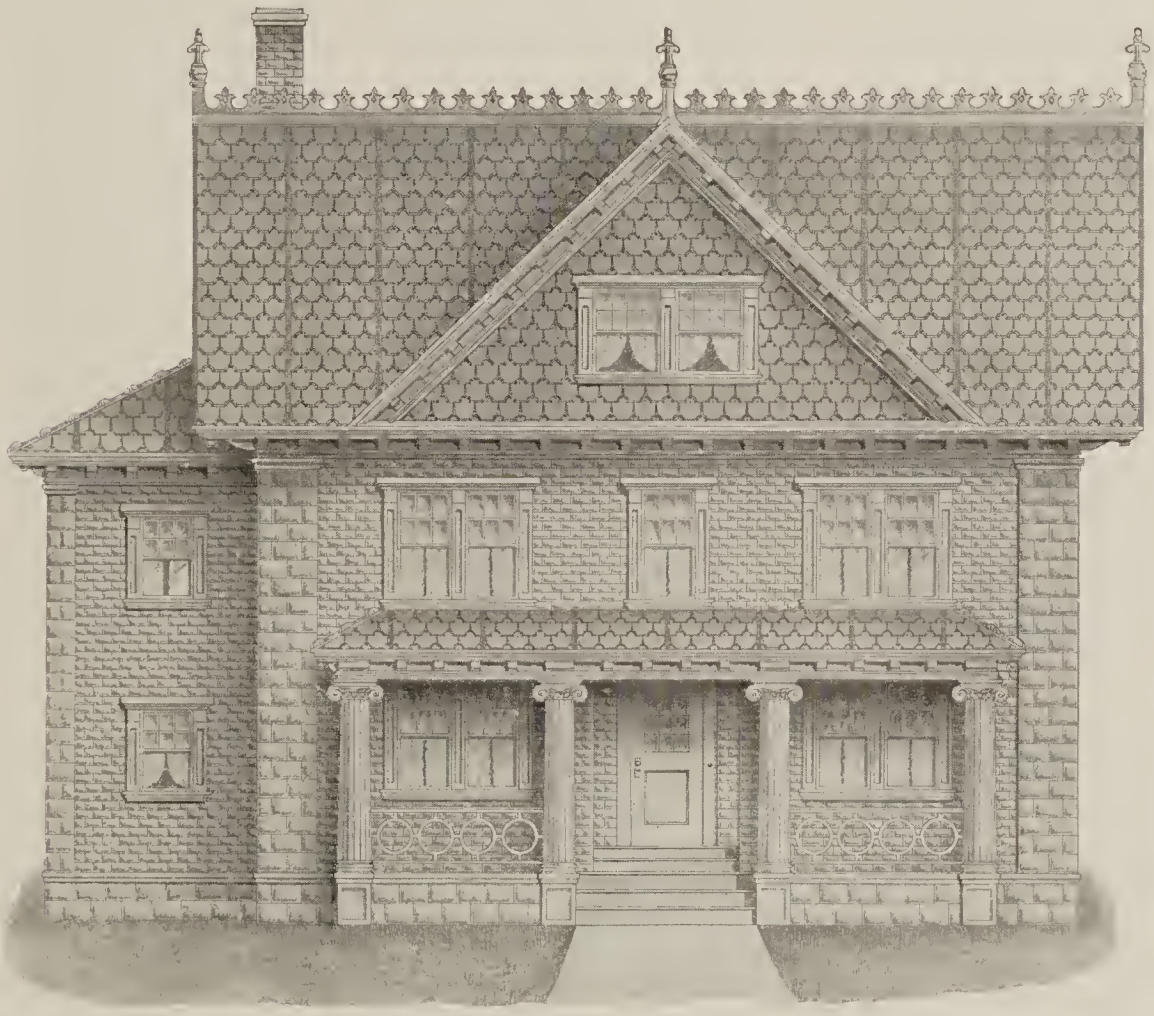


Fig. 843.

This residence is entirely covered with our sheet metal products, which includes the following: Cresting, Finials, Cluster Shingles, Cornice, Gable Shingles, Rock Face Brick for siding, Rock Face Stone for Pilasters, Porch Columns, Porch Railings, Rock Face Stone for foundation, Caps, Sills and Casing for windows, Box Gutters, Conductor Pipes and all ornamental belts and trimmings.

CLUSTER SHINGLES.

Painted or Galvanized.

"GEM No. 1."
CLUSTER SHINGLES

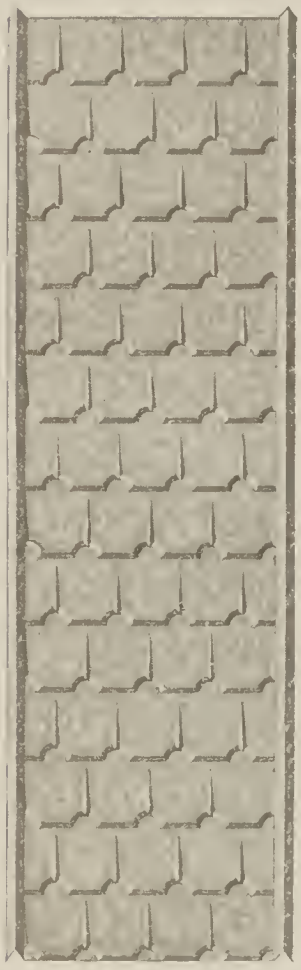


Fig. 30.

Made 24 inches wide and in lengths from 5 feet to 10 feet with single V crimp edges.

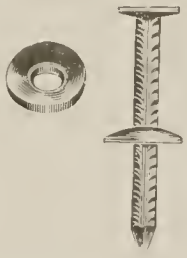


Fig. 833.
Galvanized Nails and Lead Washers.

These Nails and Washers are all that is required to apply Cluster Shingles.

"GEM" No. 2.
CLUSTER SHINGLES

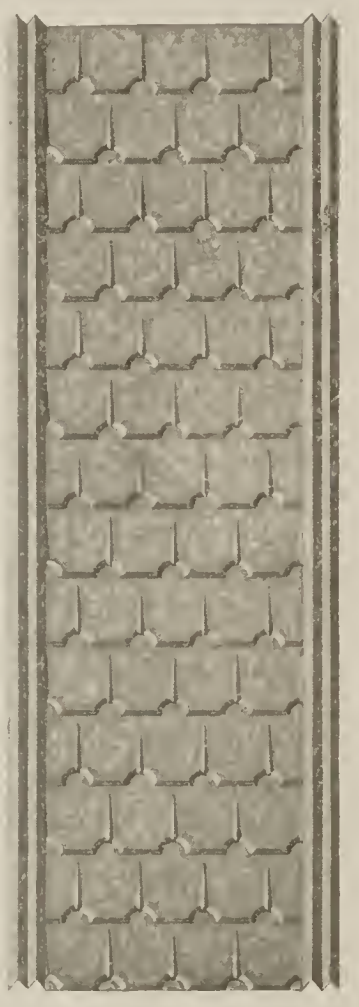


Fig. 31.

Made 24 inches wide and in lengths from 5 feet to 10 feet with double V crimp edges.

"Gem No. 1" Cluster Shingles in sheets is the simplest style and cheapest form of metal shingle roofing manufactured. It is applied in the same manner as V Crimp roofing.

"Gem No. 2" Cluster Shingles are made with two V Crimps on the edges, which form a valley beyond which water cannot be forced by high winds (the same as "Justright" Roofing) and is applied in the same manner as "Justright" Roofing.

Any careful workman who can lay sheets in a straight line and drive nails can apply our Cluster Shingles.

Our "Justright" Ridge Roll, Fig. 16A, Page 9, can be used with these shingles.

CLUSTER SHINGLES.

Painted or Galvanized.

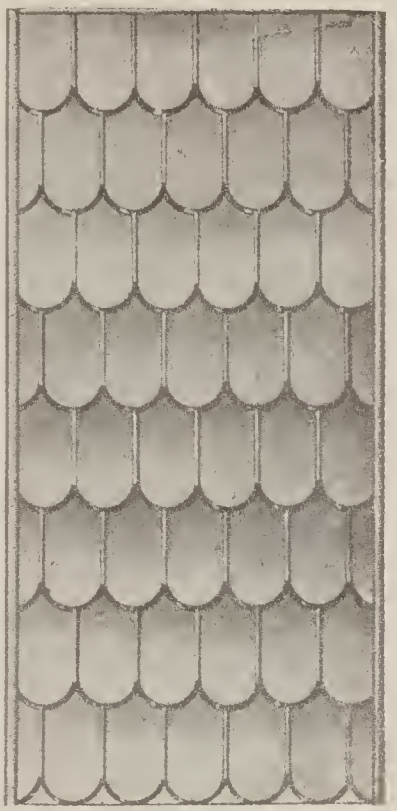


Fig. 29.

"Kentucky" Cluster Shingles.

Made 24 inches wide and in lengths from 5 feet to 10 feet.

Sheets are furnished with pressed standing seam edges and applied with cleats in the same manner as Pressed Standing Seam Roofing.

MECCO CLUSTER SHINGLE SIDING.

Fig. 80.

Made 24 inches by 60 inches, also 24 inches by 96 inches.

Used for siding and in gable on frame buildings at a cost of about half as much as wood shingles. Can be applied by any mechanic. These shingles are shown in the gable of building on page 49.

GALVANIZED PLAIN ROUND CONDUCTOR PIPE.

Made in 10-foot lengths, without cross seams.

Fig. 351.

List Price.

Gauge	Size—1½-in.	2-in.	2½-in.	3-in.	3½-in.	4-in.	5-in.	6-in.
30	10½c	12½c	13½c	14½c	17c	19c	24c	29c
29	11c	13c	14c	15c	18c	20c	25c	30c
28	13c	15c	16c	17c	20c	23c	28c	33c
27	...	17c	18c	19c	22c	25c	31c	37c
26	...	19c	20c	21c	24c	28c	34c	40c
24	...	...	...	27c	31c	35c	44c	52c

PLAIN ROUND ELBOWS AND SHOES.

No. 1
45 Degrees

No. 2
60 Degrees

No. 3
75 Degrees

No. 4
90 Degrees

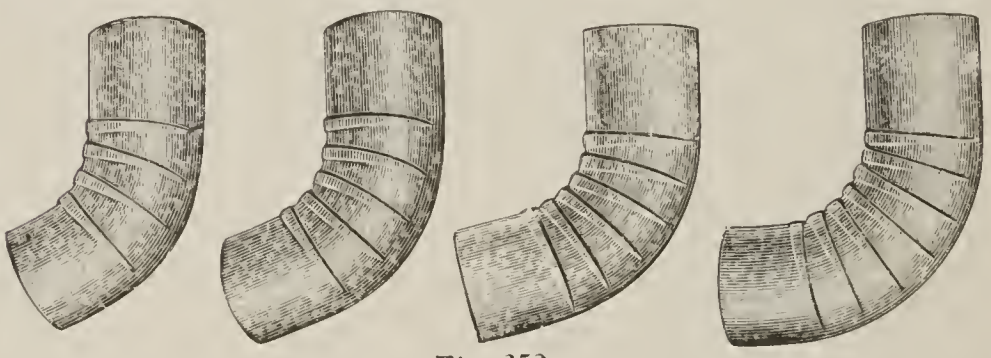


Fig. 352.

List Prices.

	Elbows	Shoes
2-in., any angle	$ .25	$ .36
3-in., any angle	.30	.45
4-in., any angle	.60	.75
5-in., any angle	1.25	1.50
6-in., any angle	1.59	1.80

When ordering always specify the angle.
Prices on other gauges and copper on application.

Shoe

Fig. 353.

GALVANIZED

CORRUGATED ROUND EXPANDING CONDUCTOR PIPE.

Made in 10-foot lengths without cross seams.

Fig. 354.

List Price.

Gauge	Size— 2-in.	3-in.	4-in.	5-in.	6-in.
30	12½c	14½c	19c	24c	29c
29	13c	15c	20c	25c	30c
28	15c	17c	23c	28c	33c
27	17c	19c	25c	31c	37c
26	19c	21c	28c	34c	40c
24		27c	35c	44c	52c

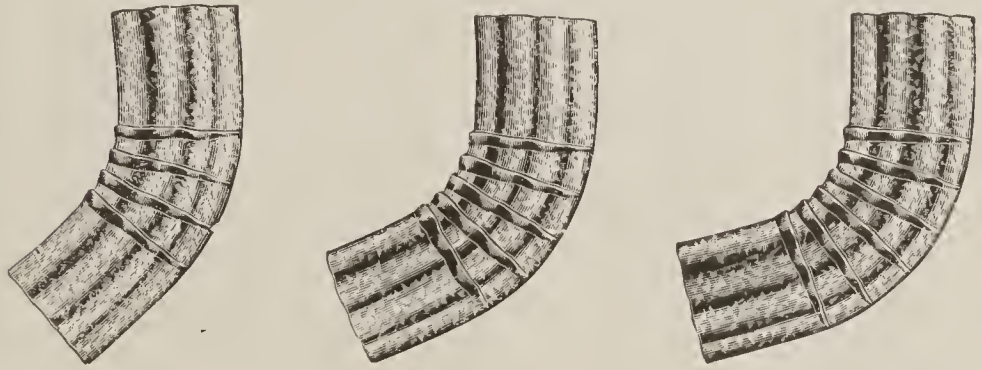
Write for Discounts.

ONE-PIECE ROUND EXPANDING ELBOWS AND SHOES.

No. 1
45 degrees

No. 2
60 degrees

No. 3
75 degrees



No. 4
90 degrees

Shoe
75 degrees

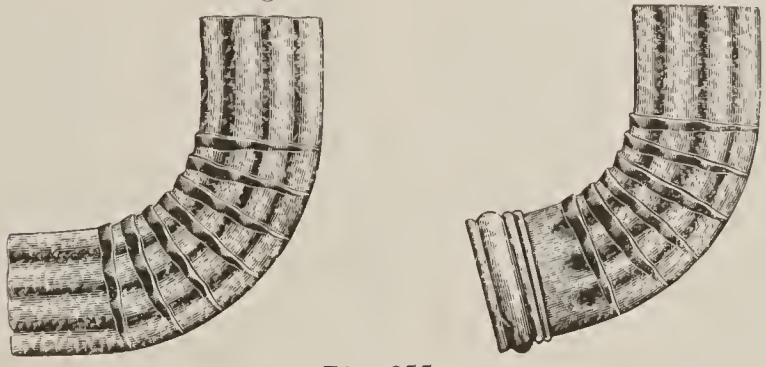


Fig. 355.

List Prices.

	Elbows	Shoes
2-inch, all angles	$ .25	$ .36
3-inch, all angles	.30	.45
4-inch. all angles	.60	.75
5-inch, all angles	1.25	1.50
6-inch, all angles	1.50	1.80

When ordering always specify the angle wanted.

Write for Discounts.

Prices on other gauges and copper on application, stating requirements.

CORRUGATED SQUARE EXPANDING CONDUCTOR.

Our Square Pipe is made in ten (10) foot lengths without a cross seam.
Each Length a Perfect Straight Piece.

Fig. 356

STANDARD MEASUREMENTS OF SQUARE CONDUCTOR.

2-in.	3-in.	4-in.	5-in.
$1\frac{3}{4} \times 2\frac{1}{4}$	$2\frac{3}{8} \times 3\frac{1}{4}$	$2\frac{3}{4} \times 4\frac{1}{4}$	$3\frac{3}{4} \times 5$

List Prices.

Galvanized Sheet Gauge	Size— 2-in.	3-in.	4-in.	5-in.
30.	14½c	16½c	21c	26c
29.	15c	17c	22c	27c
28.	17c	19c	25c	30c
27.	19c	21c	27c	33c
26.	21c	23c	30c	36c
24.	.....	29c	37c	46c

ONE PIECE SQUARE CORRUGATED ELBOWS AND SHOES.

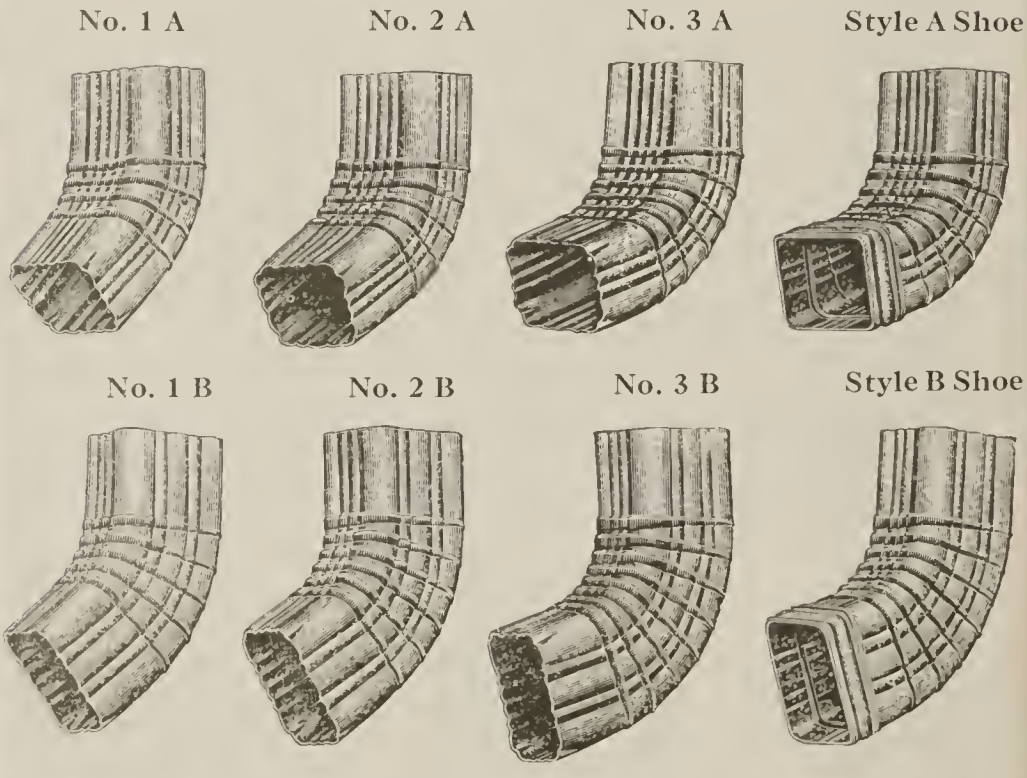


Fig. 357.

	Elbows	Shoes
2-inch, each	$0.40	$0.48
3-inch, each	.45	.54
4-inch, each	.60	.72
5-inch, each	.90	1.08

In ordering Elbows and Shoes, please state the angles required as numbered in the above cuts.

Style "A" represents the regular forward and backward curve.
Style "B" represents the side curves, also called right and left.
In Square Elbows, Style "A" is sent, unless otherwise ordered.
Prices on Copper Pipe and fittings quoted on application, stating requirements.

POLYGON CONDUCTOR PIPE.

Fig. 358.

Made of galvanized iron in 10 foot lengths and of Copper in 8 foot lengths, without cross seam. Ice forming in it will not burst seams, but on account of the spiral construction of the pipe, will decend gradually without injuring it. During heavy rains water will descend more freely, as pipe will not choke.

POLYGON PIPE. GALVANIZED.	
Size	
2 inch.	Per foot, 15c
3 inch.	Per foot, 17c
4 inch.	Per foot, 23c
5 inch.	Per foot, 28c
6 inch.	Per foot, 34c

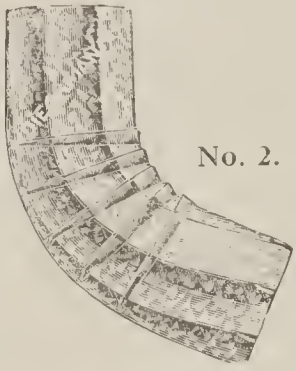
COPPER. 8 Feet Long.		
Size	14 oz.	16 oz.
2 inch.	$0.45	$0.48
3 inch.	.56	.60
4 inch.	.72	.77
5 inch.	.93	1.00
6 inch.	1.00	1.18

Heavier gauges on application.

POLYGON ELBOWS AND SHOES.

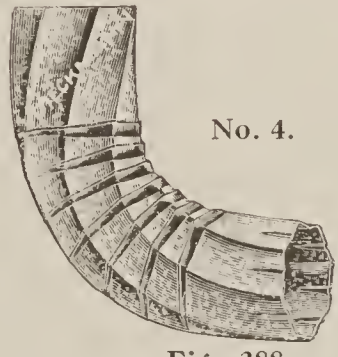
No. 1.

Fig. 386.



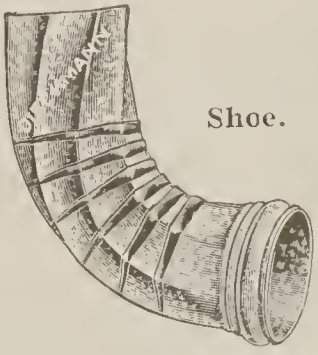
No. 2.

Fig. 387.



No. 4.

Fig. 388.



Shoe.

Fig. 389.

List Price.

	ELBOWS. Per Each	ELBOWS. Per doz.	SHOES. Per Each	SHOES. Per doz.
2 inch.	$ 0.40	$ 4.80	$ 0.48	$ 5.76
3 inch.	.45	5.40	.54	6.48
4 inch.	.60	7.20	.72	8.64
5 inch.	.90	10.80	1.08	12.96
6 inch.	1.08	12.96	1.30	15.60

Discounts on application.

Fig. 361.

ORNAMENTAL STAMPED ELBOWS.

MADE OF ZINC.

List Price.

2-inch	each,	$2.00
3-inch	each,	2.30
4-inch	each,	2.80
5-inch	each,	3.50
6-inch	each,	4.00

Ornamental Elbows and Receivers used in connection with Polygon Pipe will add to the appearance of a building.

Either Polygon or Ornamental Stamped Elbows can be used with Polygon Pipe.

Fig. 362.

Fig. 363.

ORNAMENTAL SHOES AND GARGOYLES.

MADE OF ZINC.

List Price.

2-inch	each,	$2.25
3-inch	each,	2.50
4-inch	each,	3.00
5-inch	each,	3.75
6-inch	each,	4.25

Fig. 363.

SHOES.

Front.

Side.

Fig. 364.

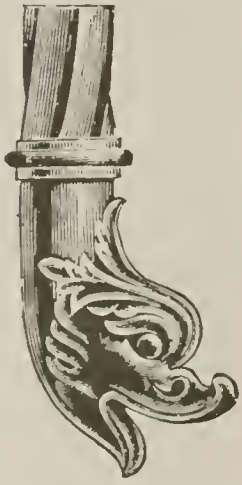


Fig. 365.

GARGOYLES.

Fig. 366.

Fig. 367.

Fig. 368.

The Above in Copper Quoted on Application.

Write for Disconnts.

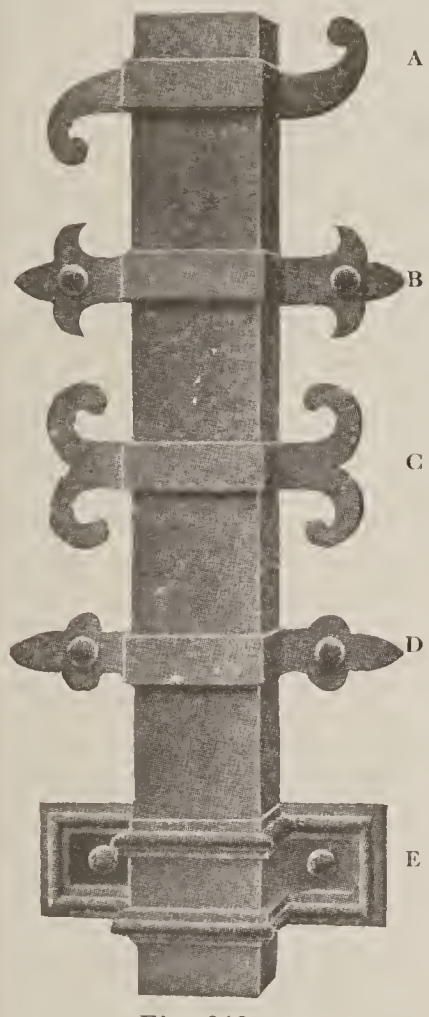


Fig. 369.

ORNAMENTAL CONDUCTOR STRAPS
Galvanized.

To fit Conductor Pipe of the following sizes:

	2 x 3	3 x 4	4 x 5	5 x 6
Style A	$0.60	$0.60	$0.65	$0.70
Style B	.40	.40	.45	.50
Style C	.60	.60	.65	.70
Style D	.40	.40	.45	.50
Style E	.80	.85	.95	1.00

Also made to fit any size.

CONDUCTOR HOOKS
For square or round, either plain or corrugated Conductors.

Round and Square.	Wood	Brick
2 -inch	$1.25	$2.00
2½-inch	1.75	2.25
3 -inch	2.25	3.00
3½-inch	2.75	3.75
4 -inch	3.50	4.75
5 -inch	4.50	6.50
6 -inch	5.50	8.00

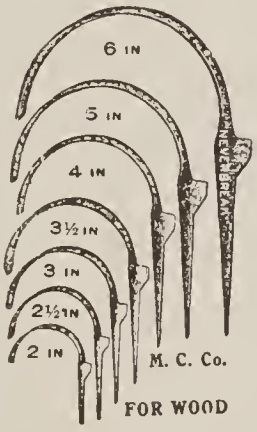


Fig. 370.

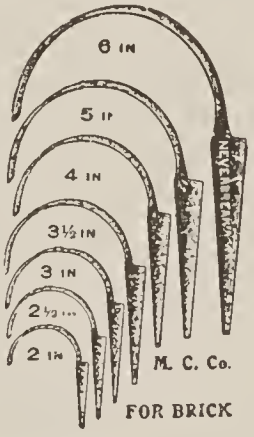


Fig. 371.

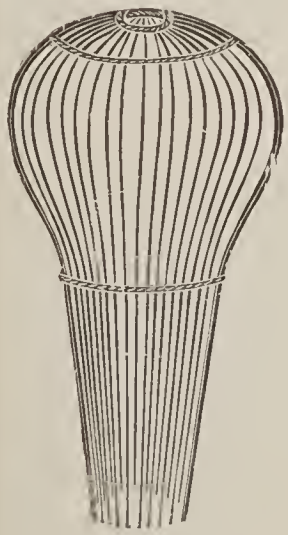


Fig. 372.

WIRE CONDUCTOR STRAINERS.
Galvanized and Copper.

All sizes from 2 inches to 6 inches carried in stock. Made to fit round or square spouts. Are invaluable for keeping leaves and similar obstructions from getting into and stopping up the conductor pipe.

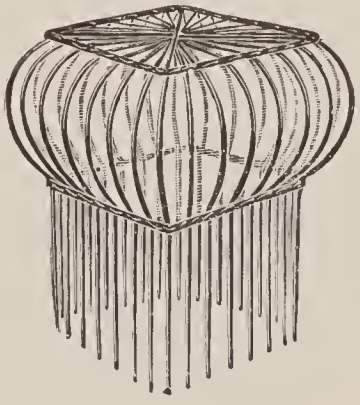


Fig. 373.

List Prices Per Dozen.

Sizes	2-in.	2½-in.	3-in.	3½-in	4-in.	5-in.	6-in.
Galvanized	$1.50	$1.75	$2.00	$2.50	$3.00	$3.50	$ 4.00
Copper	2.25	....	3.50	....	4.75	7.00	12.00

Write for Discounts.

PLAIN AND ORNAMENTAL CONDUCTOR HEADS.

Made from Galvanized Sheets or Copper, for any size or shape conductor.

Fig. 376.

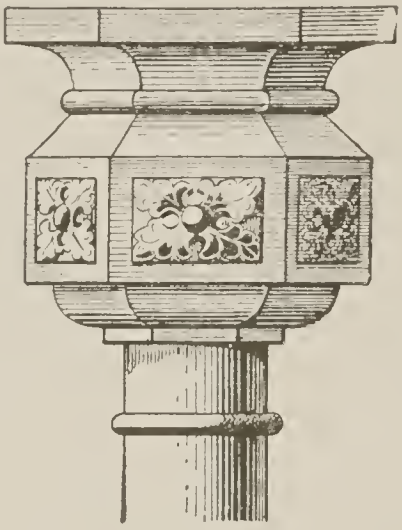


Fig. 377.

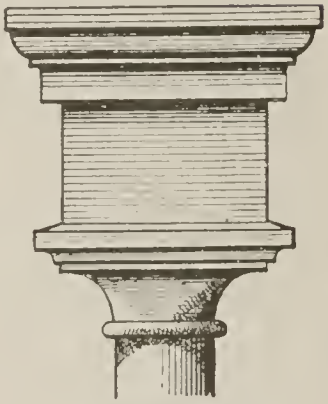


Fig. 378.

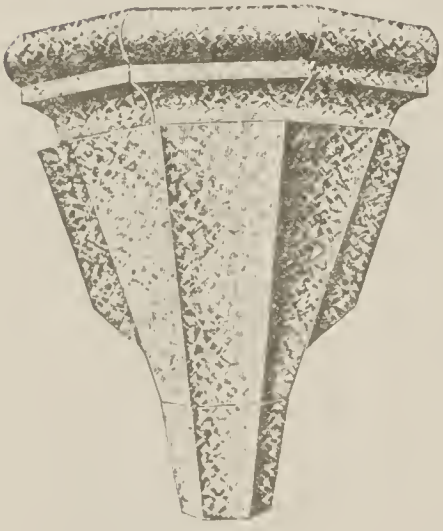


Fig. 379.

Fig. 380.

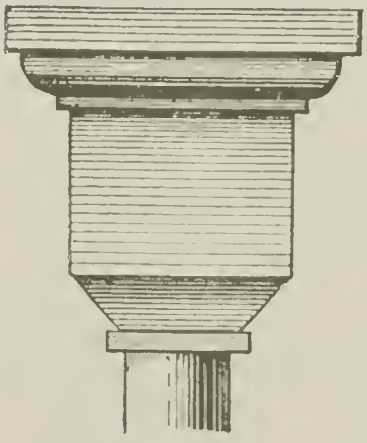


Fig. 381.

Fig. 382.

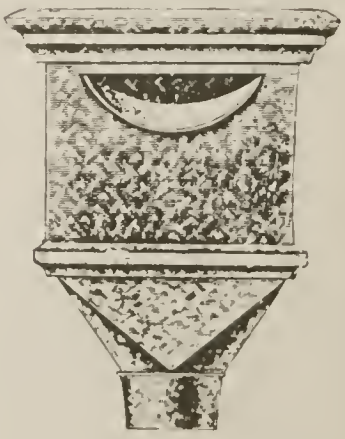


Fig. 383.

These Conductor Heads are used where a fire wall runs up above the roof, to make connections with the roof gutter.

When ordering give the size of Conductor Pipe.

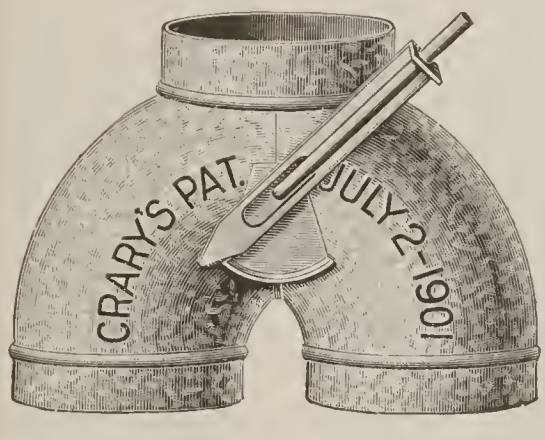


Fig. 374.

PLAIN ROUND
RAIN WATER CUT-OFF.

Simple in Construction.
Galvanized After Formation.
Positive in Action.
Cannot be turned by Ice or Water.

Packed in crates of one dozen each.

List Prices.

2 inch, Galvanized	$ 7.00 per dozen.
3 inch, Galvanized	8.00 per dozen.
4 inch, Galvanized	11.00 per dozen.
5 inch, Galvanized	20.00 per dozen.
6 inch, Galvanized	24.00 per dozen.

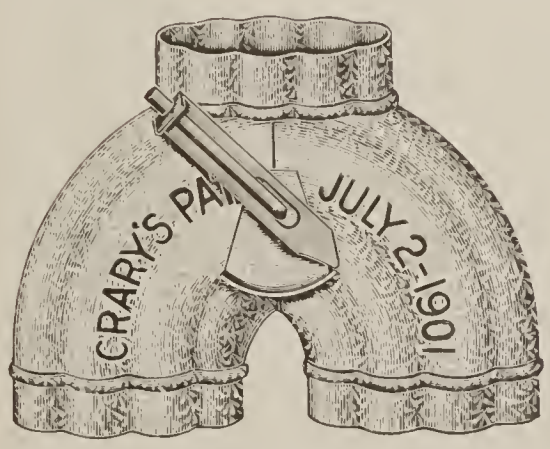


Fig. 375.

ROUND CORRUGATED
CUT-OFF.

A Neat, Strong and Durable Cut-Off used with Round Corrugated Pipe.

List Prices.

3 inch Galvanized	$ 8.00 per dozen
4 inch Galvanized	11.00 per dozen

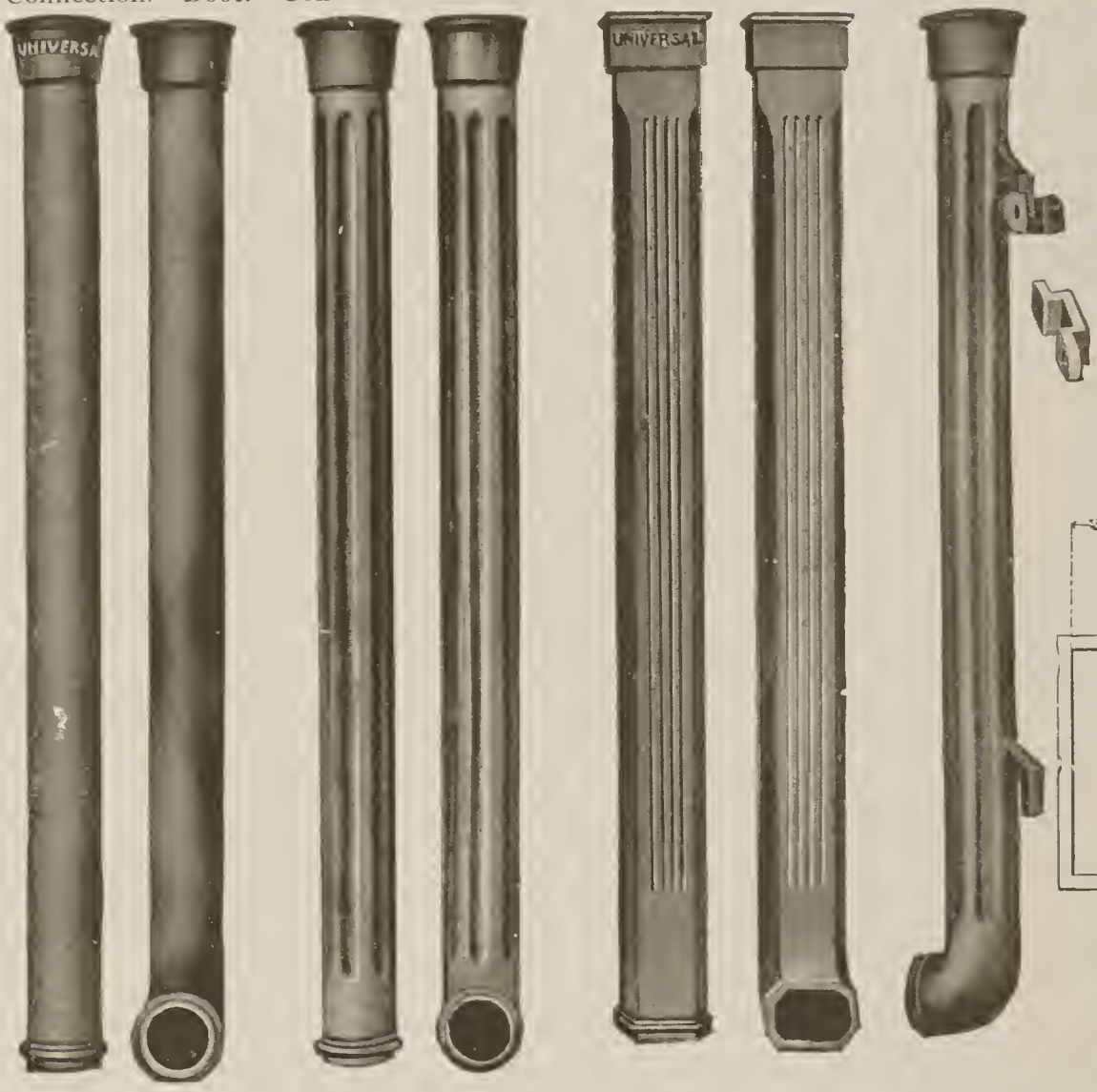
Write for Discounts.

CAST IRON SEWER CONNECTIONS AND BOOTS.

(Patent applied for)

ROUND. CORRUGATED. SQUARE.

Conneetion. Boot. Conneetion. Boot. Conneetion. Boot.



No. H G D C F E Deseriptive

Fig. 384.

Give size preferred with each order. End view of Brackets, 1½, 2, 2½ and 3 in. from wall.

Fig. 385.

Price List.—All 4½ Feet Long.

	No. H.&G.	No. D.&C.	No. F.&E.		No. H.&G.	No. D.&C.	No. F.&E.
3 ineh. . .each,	$3.20	$3.40	$3.60	5 ineh. . . .each,	$4.70	$5.20	$5.40
4 ineh. . .each,	4.00	4.20	4.40	6 ineh. . . .each,	6.00	6.20	6.40

For other than standard lengths, figure same rate per foot, plus 20% for alteration of patterns.

These sizes mentioned are the sizes of standard galvanized conduetors that fit into these cast conneetions.

Notiee the improvement over the old style ears that break off. See the wall braekets that are plaeed on your wall with expansion bolts or the like and the eonvenience of simply hanging your eonnections in plaee and being easily removed for cleaning, ete.; also that you ean plaee them as far away from th wall as you desire by our inexpensive wall braeket.

We furnish 1½-inch wall braekets when not otherwise specified, or your choiee of any one of the other sizes, one for each traight connection and two for each boot.

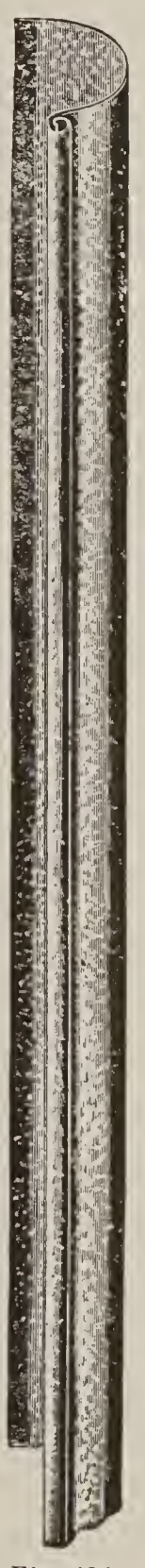


Fig. 426.

LAP JOINT EAVES TROUGH.

Single Bead.

Every section guaranteed to be perfect and uniform.
Made of Galvanized Sheets in 10 ft. lengths, without cross seams.

List Price.

Gauge. Size	3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in
30.....	12½	.13½	.152	.17½	.18½	.22	.26	.30	.35	.39
29.....	13	.14	.16	.18	.19	.23	.27	.31	.36	.40
28.....	15	.16	.18	.20	.21	.25	.30	.34	.38	.42
27.....	17	.18	.20	.22	.23	.28	.32	.37	.42	.46
26.....	19	.20	.22	.24	.25	.30	.35	.40	.45	.50
24.....			.28	.30	.31	.37	.44	.50	.56	.62

We always send Galvanized Trough with Lap joint when not otherwise specified. Orders should state whether Slip or Lap Joint is wanted.

Price on Copper Trough quoted on application, stating requirements.

Fig. 427.

IMPROVED SLIP JOINT EAVES TROUGH.

Single Bead.

Made of Galvanized Sheets in 10-foot lengths without cross seams.

Price List.

Gauge Size	3″	3½″	4″	4½″	5″	6″	7″	8″	9″	10″
30.....	.13½	.14½	.16½	.18½	.19½	.24	.28	.32	.37	.41
29.....	.14	.15	.17	.19	.20	.25	.29	.33	.38	.42
28.....	.16	.17	.19	.21	.22	.27	.32	.36	.40	.44
27.....	.18	.19	.21	.23	.24	.30	.34	.39	.44	.48
26.....	.20	.21	.23	.25	.26	.32	.37	.42	.47	.52
24.....	....	....	.29	.31	.32	.39	.46	.52	.58	.64

When ordering Slip Joint Trough, always state whether Right or Left hand is wanted. When not otherwise specified, we always send half Right and half Left.

Always state whether Slip or Lap Joint Trough is wanted.

Prices on Copper Trough quoted on application, stating requirements.

SLIP AND LAP JOINT EAVES TROUGH.

Fig. 428.

Double Bead.

Made of Galvanized Sheets in 10-foot lengths without seams.

Being made with a bead on each side, it can be used with either side to the building; hence to run the water to the Right or Left, the slip joint, when slip joint trough is being used, should be to the Right or Left as the case may be.

List Price.

DOUBLE BEAD LAP JOINT.

Gauge	Size	3″	3½″	4″	4½″	5″	6″	7″	8″	9″	10″
30		.15½	.16½	.18½	.20½	.21½	.25	.29	.33	.38	.42
29		.16	.17	.19	.21	.22	.26	.30	.34	.39	.43
28		.18	.19	.21	.23	.24	.28	.33	.37	.41	.45
27		.20	.21	.23	.25	.26	.31	.35	.40	.45	.49
26		.22	.23	.25	.27	.28	.33	.38	.43	.48	.53
24		....	....	.31	.33	.34	.40	.47	.53	.59	.65

DOUBLE BEAD SLIP JOINT.

Gauge	Size	3″	3½″	4″	4½″	5″	6″	7″	8″	9″	10″
30		.16½	.17½	.19½	.21½	.22½	.27	.31	.35	.40	.44
29		.17	.18	.20	.22	.23	.28	.32	.36	.41	.45
28		.19	.20	.22	.24	.25	.30	.35	.39	.43	.47
27		.21	.22	.24	.26	.27	.33	.37	.42	.47	.51
26		.23	.24	.26	.28	.29	.35	.40	.45	.50	.55
24		....	....	.32	.34	.35	.42	.49	.55	.61	.67

We always send Galvanized Trough with Lap Joint when not otherwise specified.

Discounts on application.

COMBINATION ROOF GUTTERS.

Made in two sections in 10-foot lengths without cross seams. Serves as a roof gutter and cornice combined.

The required fall is obtained by adjusting the gutter section up or down on the roof as indicated by cut below, then nailed to the sheathing boards at the extreme end of gutter, before the roofing is applied.

In ordering please give exact pitch of roof.

No hangers or braces required.

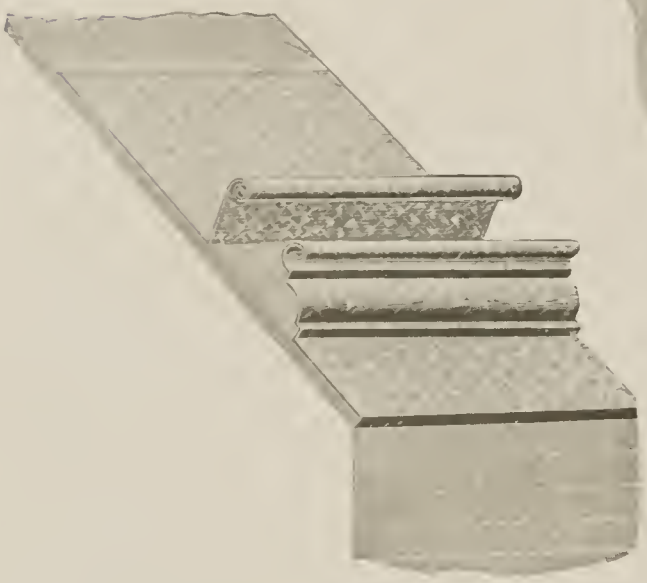


Fig. 429—Shows gutter as shipped.

Fig. 430—Shows Gutter in position.

Fig. 431.

List Price—Galvanized—Standard Gauge.

Girth, 18 inches	19 cents per foot
Girth, 24 inches	25 cents per foot
Girth, 29 inches	30 cents per foot
Girth, 30 inches	35 cents per foot

Prices on heavier gauges and Copper Gutter quoted on application.

PLAIN ROOF GUTTERS.

Made in 10-foot lengths of Standard Gauge Galvanized Sheets.

The following engravings show two styles, "A" and "B" Roof Gutters. The hangers are applied in such a manner as to leave no exposed nails or screw heads, (as cuts readily show), therefore there can be no leaks from splitting or nail holes, as in the old style way with wood fronts and wood brackets.

These gutters are by far the best produced and are sold at such prices as to make them as cheap as those made of wood, lined with tin.

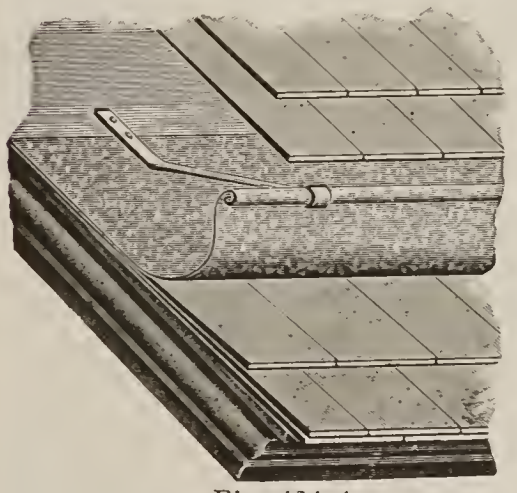


Fig. 434-A.

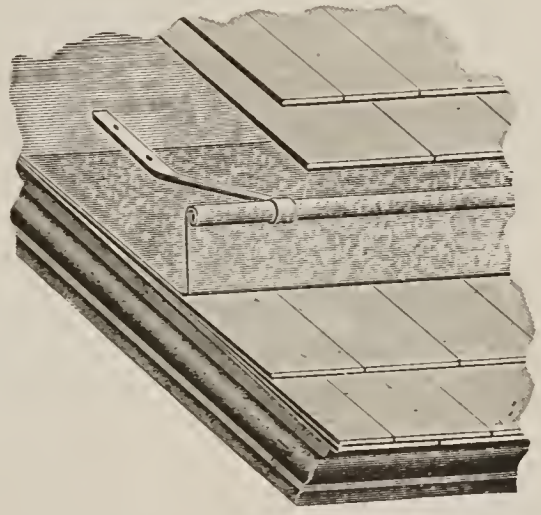


Fig. 435-B.

Price List.

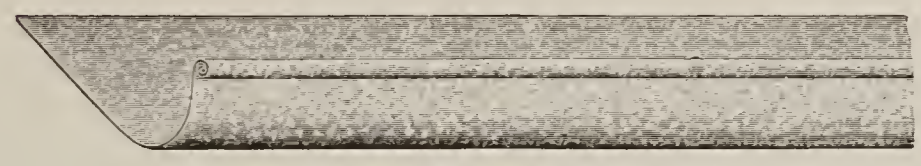


Fig. 436—Style A.

14-inch girth, 5/8 bead.....35 cents per foot
20-inch girth, 5/8 bead.....50 cents per foot
24-inch girth, 5/8 bead.....60 cents per foot

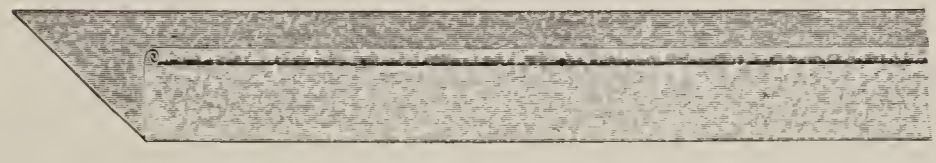


Fig. 437—Style B.

15-inch girth, 5/8 bead.....37½ cents per foot
20-inch girth, 5/8 bead.....50 cents per foot
24-inch girth, 5/8 bead.....60 cents per foot
Hangers for above gutter..... 3 cents, each, net

Prices on other sizes and heavier gauges and copper on application.

Discounts On Application.

QUARTER CIRCLE AND O. G. HANGING GUTTERS.

Made in 10-foot lengths of Standard Gauge Galvanized Sheets.
Back of Troughs same height as bead side.
For high backs add Two Cents per foot to list prices for each additional inch of girth.

LIST PRICES.

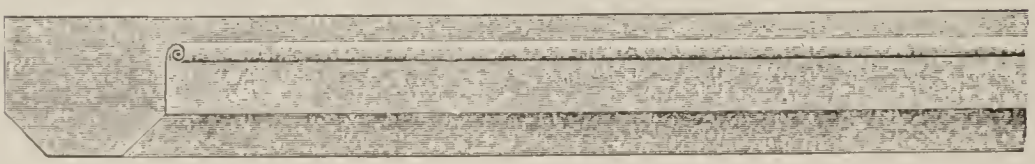


Fig. 438. Style C.

Size	5 inches	6 inches	7 inches
Depth	3½ inches	4¼ inches	4½ inches
Girth	12 inches	14 inches	16 inches
Price, per foot	30 cents	35 cents	40 cents

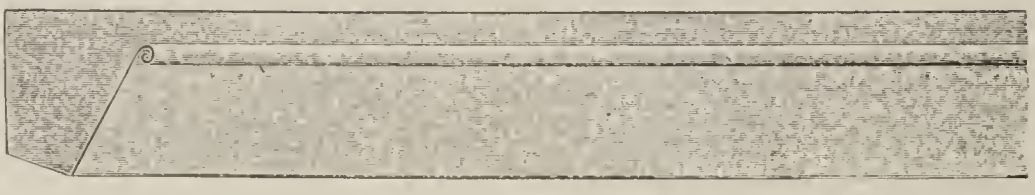


Fig. 439. Style D.

Size	6 inches	7 inches	8 inches
Depth	4 inches	5 inches	5¾ inches
Girth	15 inches	18 inches	20 inches
Price, per foot	37½ cents	45 cents	50 cents

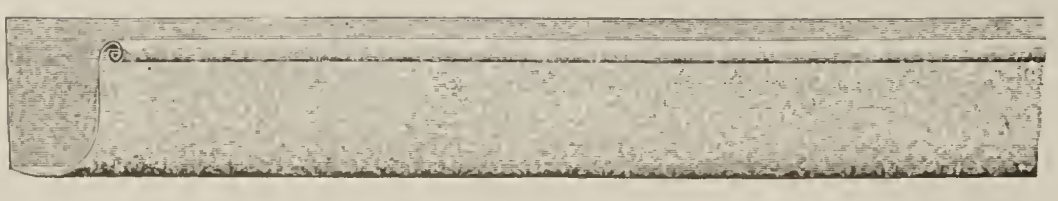


Fig. 440. Style E.

Size	6 inches	7 inches	8 inches
Depth	4½ inches	5½ inches	7 inches
Girth	15 inches	18 inches	22 inches
Price, per foot	37½ cents	45 cents	55 cents

Fig. 441. Style L.

Size	3½ inches	4½ inches	5 inches	6 inches
Depth	3 inches	4 inches	4 inches	5 inches
Girth	10 inches	12 inches	15 inches	18 inches
Price, per foot	25 cents	30 cents	37½ cents	45 cents

Prices on other styles and sizes and heavier gauges, also on Copper, quoted on application.

HANGING GUTTERS.

Made in 10-foot lengths of Standard Gauge Galvanized Steel.

Fig. 442—Style F.

Size	6	inches	7	inches	8	inches
Depth	5½	inches	5¾	inches	6	inches
Girth	18	inches	20	inches	22	inches
Price, per foot	45	cents	50	cents	55	cents

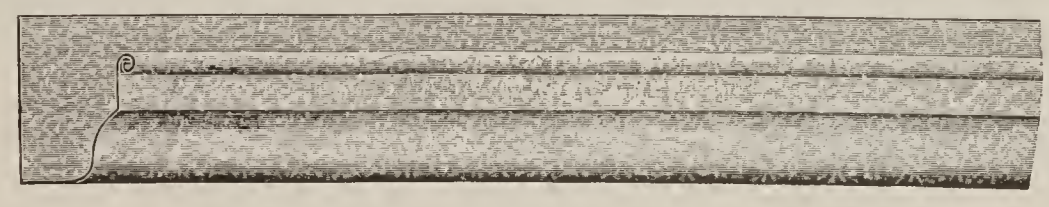


Fig. 443—Style G.

Size	6	inches	7	inches	8	inches
Depth	5¾	inches	6½	inches	7	inches
Girth	18	inches	20	inches	22	inches
Price, per foot	45	cents	50	cents	55	cents

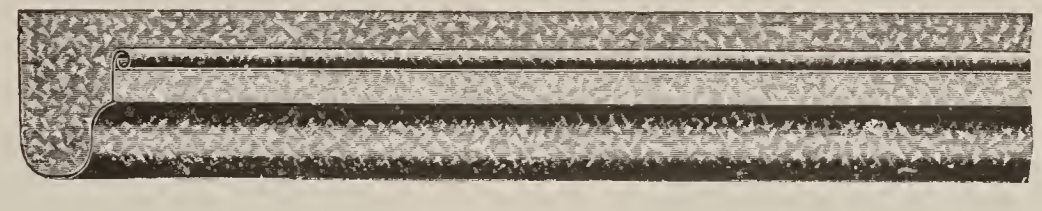


Fig. 444—Style H.

Size	6	inches	7	inches	8	inches
Depth	4½	inches	4¾	inches	5½	inches
Girth	14	inches	16	inches	18	inches
Price, per foot	35	cents	40	cents	45	cents

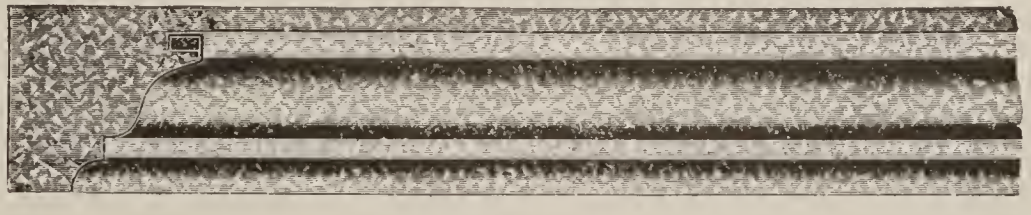


Fig. 445—Style J.

Size	6	inches	7	inches	9	inches
Depth	5¾	inches	6½	inches	8	inches
Girth	18	inches	20	inches	24	inches
Price, per foot	54	cents	60	cents	72	cents

COMBINED BOX GUTTER AND CORNICE

GALVANIZED OR COPPER.

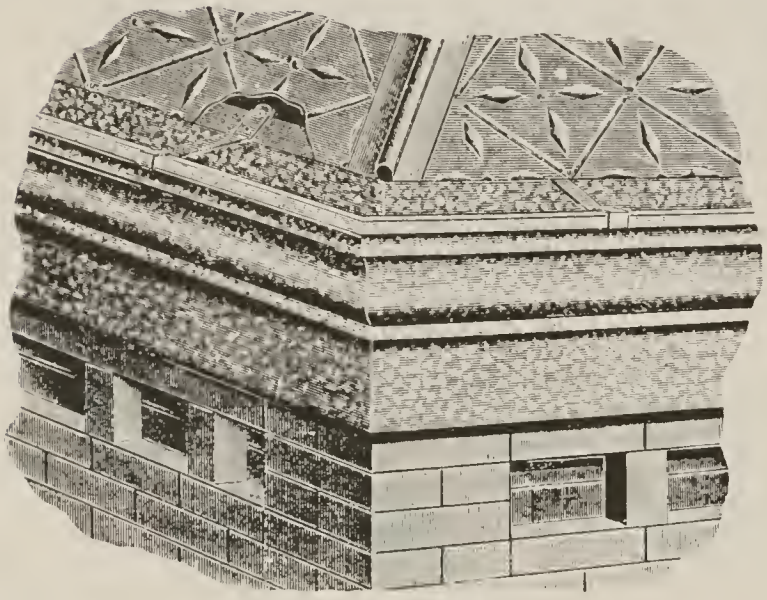


Fig. 432.

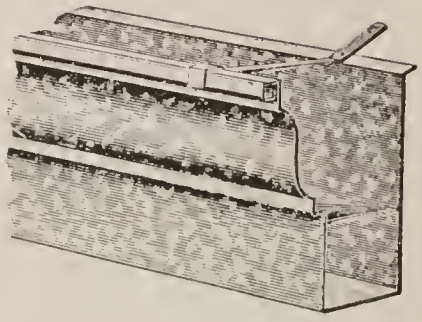


Fig. 433.

This gutter has a false bottom, as indicated by dotted line and can be arranged to carry water to any point desired.

DIXIE GUTTERS.

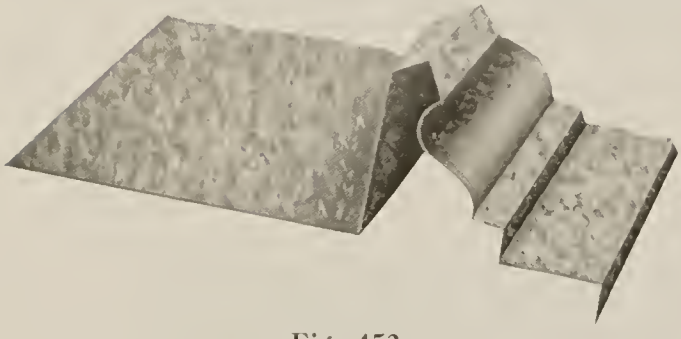


Fig. 453.

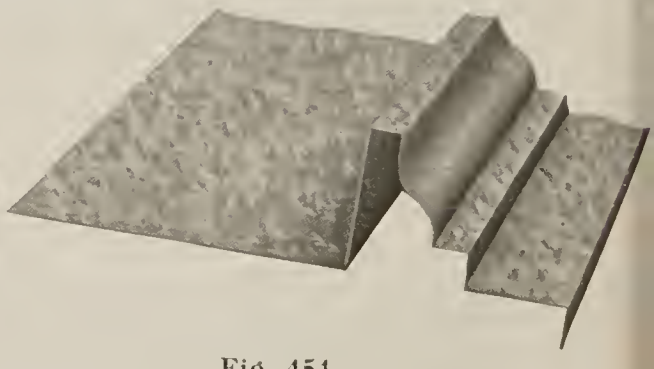


Fig. 454.

PRICE LIST.

Girth, 15 inches	37½ cents per foot.
Girth, 20 inches	50 cents per foot.
Girth, 24 inches	60 cents per foot.
Girth, 30 inches	75 cents per foot.

No hangers required with our Dixie Gutters.

FLAT BACK HANGING GUTTERS.

Made of any gauge galvanized iron or copper.

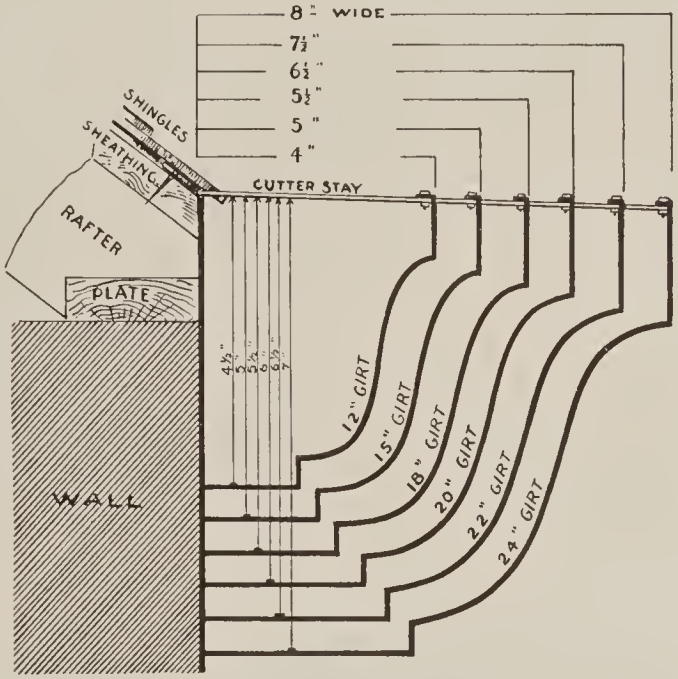


Fig. 455.

Backs of gutters are made same height as front, unless otherwise ordered.

The cut herewith gives size, depth and girt of gutter. It also shows how gutter is applied to a pitched roof.

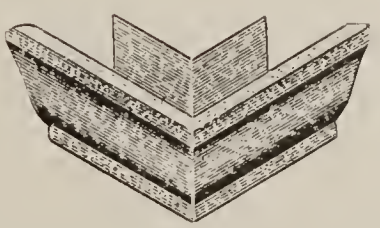


Fig. 456.
Outside Mitre.

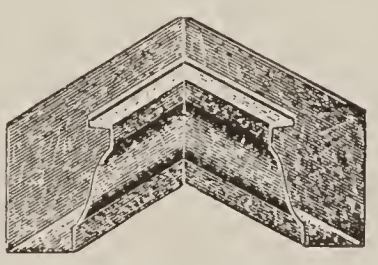


Fig. 457.
Inside Mitre.

Can furnish mitres of any style gutter.

MITRES—SINGLE BEAD.

Fig. 446.
Outside Corner Mitre.

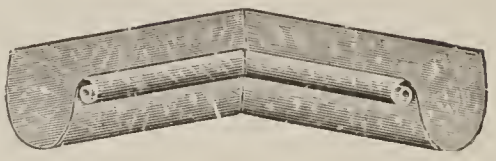


Fig. 447.
Inside Corner Mitre.

These Mitres are made complete, ready for use, for both Inside and Outside Corners, either Slip or Lap Joint. Made from either one or two pieces. State which is wanted.

List Price.

	Slip Joint.	Lap Joint.
3 -inch, per dozen	$2.75	$2.25
3½-inch, per dozen	3.00	2.50
4 -inch, per dozen	3.25	2.75
4½-inch, per dozen	3.40	2.90
5 -inch, per dozen	3.50	3.00
6 -inch, per dozen	4.00	3.50
7 -inch, per dozen	4.75	4.25
8 -inch, per dozen	5.50	5.00

When ordering Slip Joint Mitres, state whether Right or Left hand is wanted and whether for "Inside" or "Outside" Corner; otherwise half Rights and half Lefts and half "Inside" and half "Outside" Corner Mitres will be supplied.

NOTE.—For Double Bead Mitres, add 50 cents per dozen to above list.

EAVE TROUGH ENDS AND DROPS.

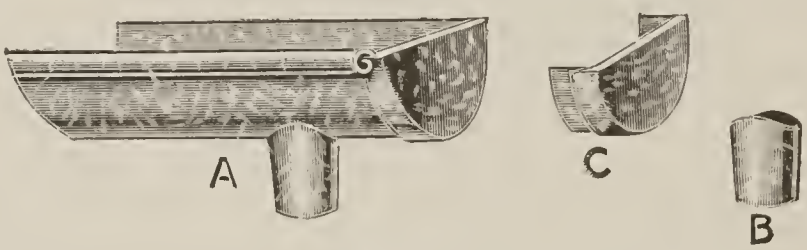


Fig. 448.

A represents a 12-inch section of Trough, with Drop (B) soldered on, and the end closed with our Slip Joint End Cap (C).

B represents a Drop or Outlet.

C represents Our Slip Joint End Cap, which requires no solder. May be used right or left.

List Price.

Size	B	C	A complete.
2 -inch, per dozen	$0.60	$. . . .	$. . . .
2½-inch, per dozen	.65	. . . .	. . . .
3 -inch, per dozen	.75	.95	2.80
3½-inch, per dozen	.80	.95	2.80
4 -inch, per dozen	.85	1.10	3.10
4½-inch, per dozen	. . . .	1.20	3.45
5 -inch, per dozen	.95	1.20	3.45
6 -inch, per dozen	1.20	1.45	4.15
7 -inch, per dozen	. . . .	1.70	4.70
8 -inch, per dozen	. . . .	2.10	5.25

End Pieces, complete for Double Bead Trough 50 cents per dozen higher.

NOTE.—We furnish End Sections (A) complete, for 3½ and 4-inch Trough with 2-inch Drop; for 4½-inch and 5-inch Trough with 3-inch Drop; for 6-inch Trough with 3 or 4-inch Drop.

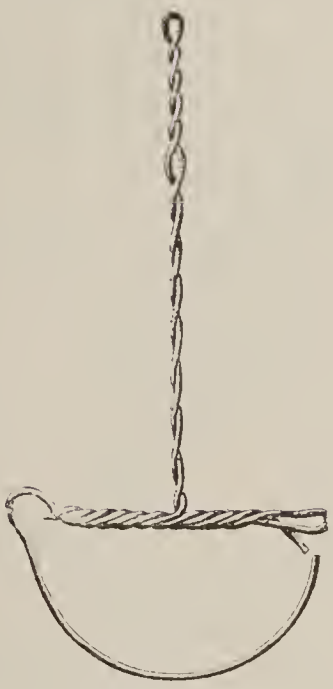
Write for Discounts.

WIRE EAVES TROUGH HANGER.

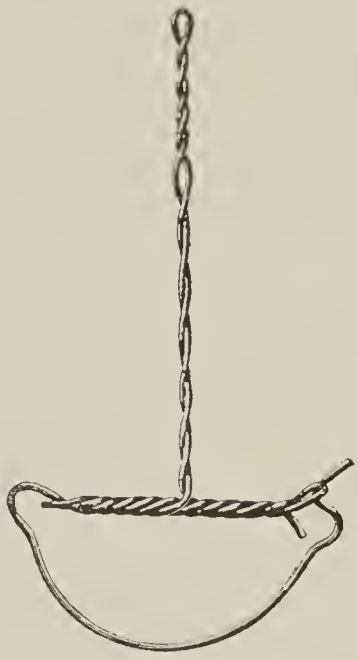
Triple Strength in Cross Bar.

For Single or Double Beaded Trough.

Made of Heavy Galvanized Wire. **Simple—Substantial—Cheap.**



Single Bead.
Fig. 449.



Double Bead.
Fig. 450.

Hangers are made of best galvanized wire. Can be quickly and easily adjusted to trough and is the only wire hanger forming a complete brace as well as a hanger, thus holding the trough to shape as well as in place.

Price List.

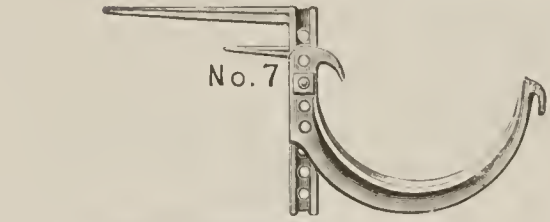
	Single Bead	Double Bead
3 -inch	$2.75 per gross	$3.00 per gross
3½-inch	2.75 per gross	3.00 per gross
4 -inch	2.75 per gross	3.00 per gross
4½-inch	3.00 per gross	3.25 per gross
5 -inch	3.00 per gross	3.25 per gross
6 -inch	3.50 per gross	3.75 per gross
7 -inch	4.00 per gross	4.25 per gross

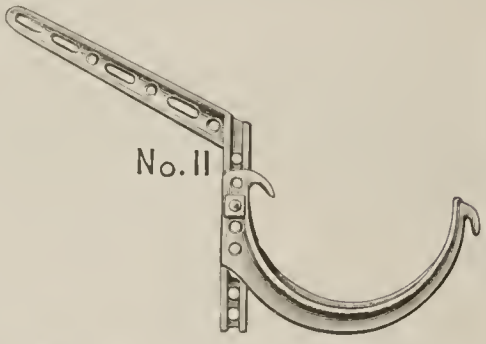
Fig. 451.
For Gutters with Round Bead.

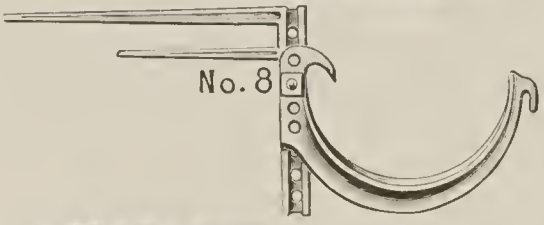
Fig. 452.
For Gutters with Square Bead.

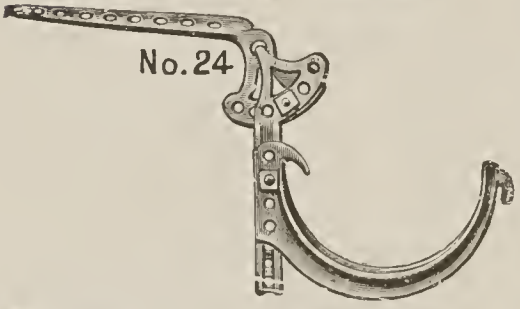
8 inches long.	Price	3 cents net
12 inches long.	Price	4 cents net
15 inches long.	Price	5 cents net

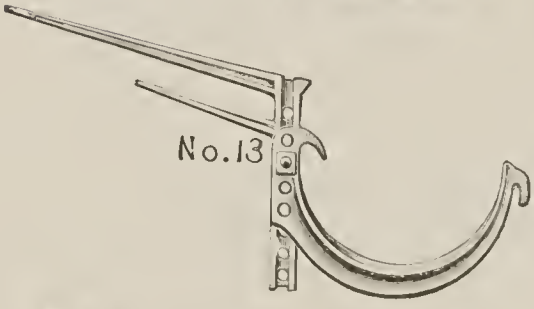
MALLEABLE IRON GUTTER HANGERS.

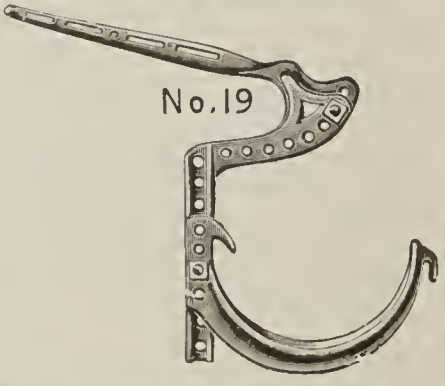


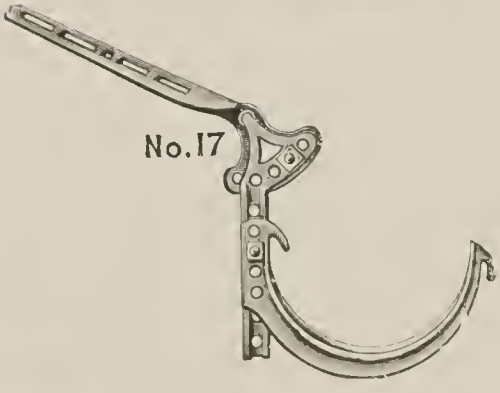


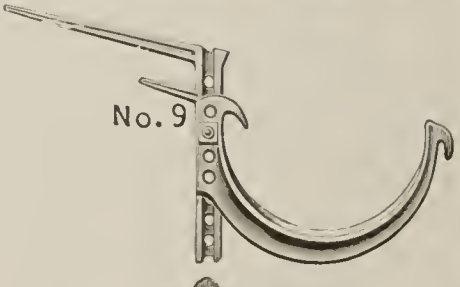












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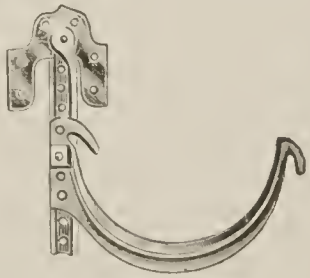
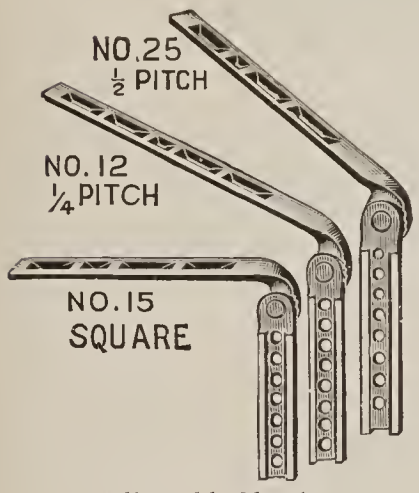
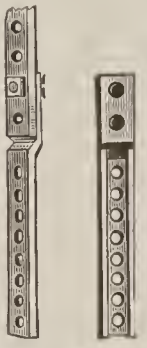


No. 10

See Page 73.



Adjustable Shanks.



Extension Shanks.

Gem Circle.

Penn Circle.

Adjustable Circle.

MALLEABLE IRON GUTTER HANGERS.

No. 6. Is made specially to nail against "O. G." mouldings. The two stays are made to fit in the cove and can be bent to suit variation.

No. 7. Is made to drive from 3 to 4 inches square in the cornice. The lower prong forms a brace for the upper and makes it very strong and firm.

No. 8. Is made to drive from 3 to 6 inches square in the cornice. This iron is intended for eaves where the shingles project far over the cornice.

No. 9. Is to drive with the pitch of the roof. Same length as No. 7. Suited for narrow molded cornice.

No. 10. Is made to nail against square box cornices.

No. 11. Is for nailing to the side of exposed rafters. Furnished in 4 and 6-inch drop lengths. We assort them about 80 short (4-inch) and 20 long (6-inch) to the 100 pieces. When ordered otherwise than the regular assortment, an extra will be charged.

No. 13. Drives with the pitch of the roof. Same length as No. 8.

No. 16. Is fastened under the shingle. For extra steep roof use No. 1 stem. We also make No. 16 double weight and strength for extra strong work.

No. 17. Is fastened under the shingles, the hinge and circle both adjust to every ⅛-inch.

No. 19. Is used either on top or under the shingles and suited for short projections of the shingles over the mouldings.

No. 20. Is hinged for any pitch, can be nailed or screwed to various shaped mouldings at any angle desired.

No. 24. Is hinged to bolt on corrugated or other iron roofs, for awnings, mills and factories.

ADJUSTABLE SHANKS.

These are made to fasten under the shingles or slate. The holes on top are made beveling so the nail can be driven to enter easily at any point. This two-piece shank is riveted together solidly and is superior to the old style one-piece shank, because it can be bent to the various pitches of roofs without breaking.

No. 12. For ¼ pitch roofs.

No. 25. For ½ pitch steep roofs.

No. 15. For flat roofs.

These are made in 4 and 6-inch lengths, the same as No. 11. When greater fall is required use extension shanks.

EXTENSION SHANKS.

This shank is 6 inches long and the use of same allows for 5 inches extension.

GEM CIRCLE—For Single Bead Gutters.

Sizes 3, 3½, 4, 4½, 5, 6, 7, 8-inch.

PENN CIRCLE—For Double Bead Gutters.

Sizes 3½, 4, 4½, 5, 6, 7, 8-inch.

GEM CIRCLES OR PENN CIRCLES—With Adjustable Bead Hooks.

Sizes 8, 9, 10, 12-inch.

These Circles will extend 1½ inches above actual or given size and adjust every ⅛-inch. State if desired for ½-inch or ¾-inch beads.

SOLDER.

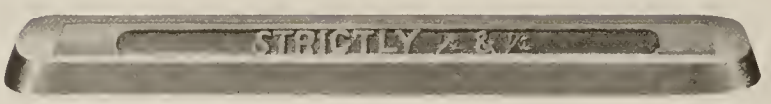


Fig. 886.

We carry a full stock of the following brands. Only the very best selected and doubly refined materials used.

M. E. Superior..... Price per lb. $.....
M. E. Strictly Half and Half..... Price per lb. $.....
M. E. Commercial..... Price per lb. $.....

ROOFING PLATES.

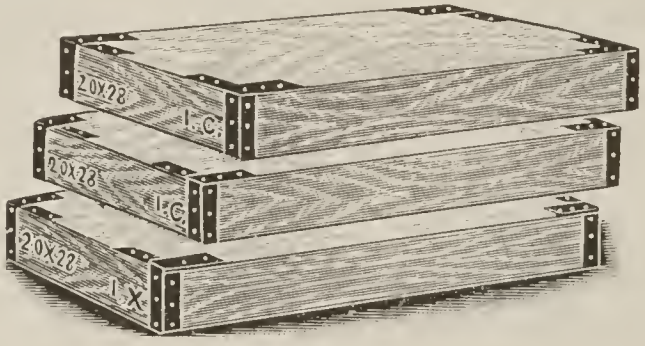


Fig. 837.

We can supply Roofing Plates in the following sizes and weight from stock:

M. E., 20 x 28, 8 lbs. coating. Price..... $.....
M. E., 20 x 28, 10 lbs. coating. Price..... .....
M. E., 20 x 28, 20 lbs. coating. Price..... .....
M. E., 20 x 28, 40 lbs. coating. Price..... .....

CRIMPED SHEETS.

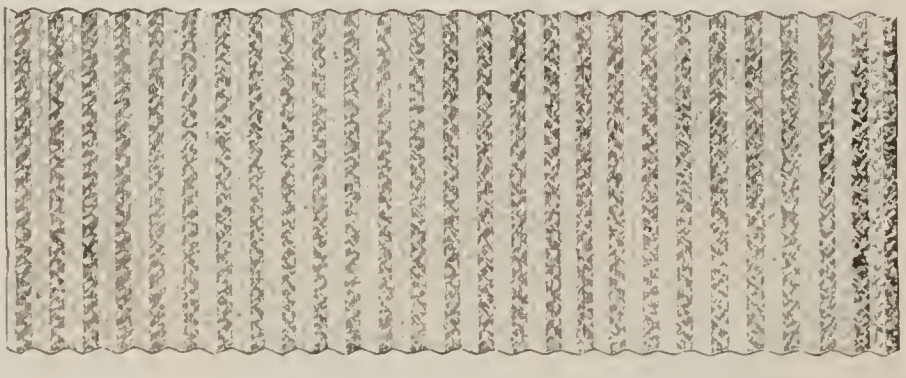


Fig. 168.

Made of gauges 24 and lighter. Size of crimps 3/16 x 1/16-inch. Sheets of any length crimped cross-ways up to 36 inches wide. Galvanized crimped used for cornice, stylings, borders, friezes, window and door case coverings, panels, mouldings, etc. The crimping makes the sheets about three gauges stiffer, takes out buckles and waves and gives the appearance of dressed stone. Sheets can be bent after crimped to any angle without breaking material.

BLACK SHEETS IN BUNDLES.

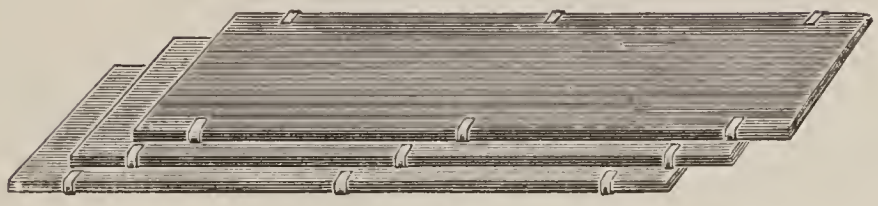


Fig. 836.

Price according to gauge, size and quantity. Send us your specifications.

GALVANIZED SHEETS IN BUNDLES.

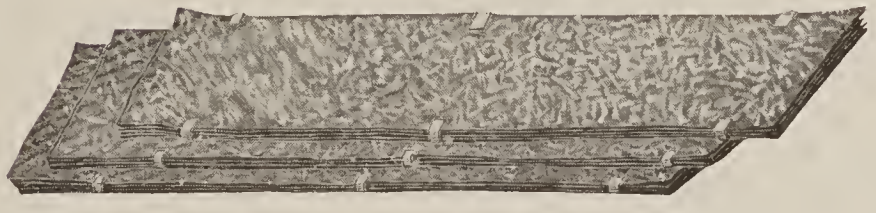


Fig. 839.

Well coated, absolutely flat, soft and easy working.

We furnish all gauges, No. 14 to 30.

Sizes No. 14 to 24 up to 36 inches wide to 144 inches long.

	Weights per square foot.							
No. Gauge	30	29	28	27	26	25	24	23
Weight per square foot in ounces	10½	11½	12½	13½	14½	16½	18½	20½
No. Gauge	22	21	20	19	18	16	14	
Weight per square foot in ounces	22½	24½	26½	30½	34½	42½	52½	

TIN IN ROLLS.

FOR ROOFING AND VALLEYS.

Fig. 826.

Standard Rolls

Tin 28 inches wide, 43 feet in length contains.....100 square feet
Tin 20 inches wide, 60 feet in length contains.....100 square feet
Tin 14 inches wide, 86 feet in length contains.....100 square feet
Tin 10 inches wide, 120 feet in length contains.....100 square feet

Soldered or double lock and painted one side. Rolls contain 100 square feet. Carried in stock 14, 20 and 28 inches wide. We can also supply rolls in special lengths.

TIN AND GALVANIZED FLASHING SHINGLES.

Fig. 827.
Packed in boxes of 500 each.
Made in two sizes—5 x 7 inches and 7 x 10 inches.

FLASHING HOOKS.

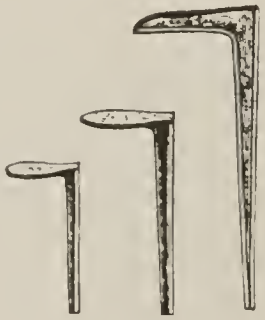


Fig. 872.

Price List per 100.

Size	$1\frac{1}{2}$ in.	$2\frac{1}{2}$ in.	$3\frac{1}{2}$ in.	$5\frac{1}{2}$ in.
Black	$ .25	$ .40	$ .70	$1.20
Tinned	.35	.55	1.00	1.70

GALVANIZED FORMED VALLEY.
All 10-ft. Lengths.

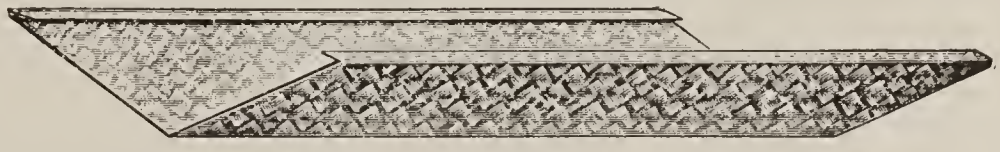


Fig. 828—Style A.

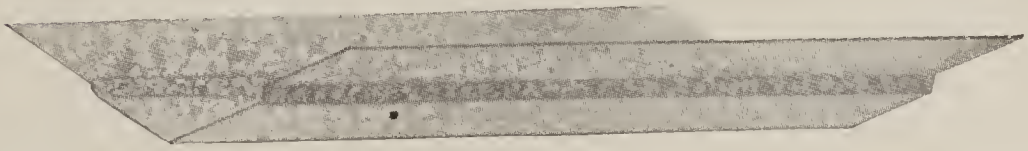


Fig. 829—Style B.

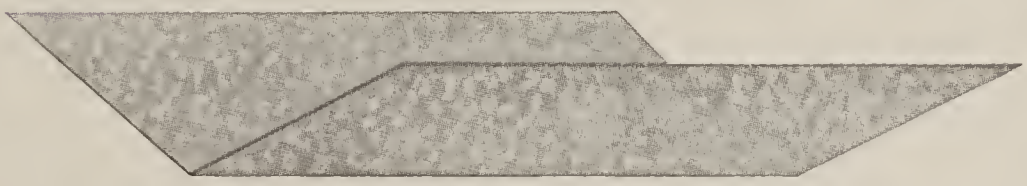


Fig. 830—Style C.

List Prices Per Lineal Foot—All Styles.

10-inch girth	12½ cents per foot
12-inch girth	15 cents per foot
14-inch girth	17½ cents per foot
16-inch girth	20 cents per foot
20-inch girth	25 cents per foot

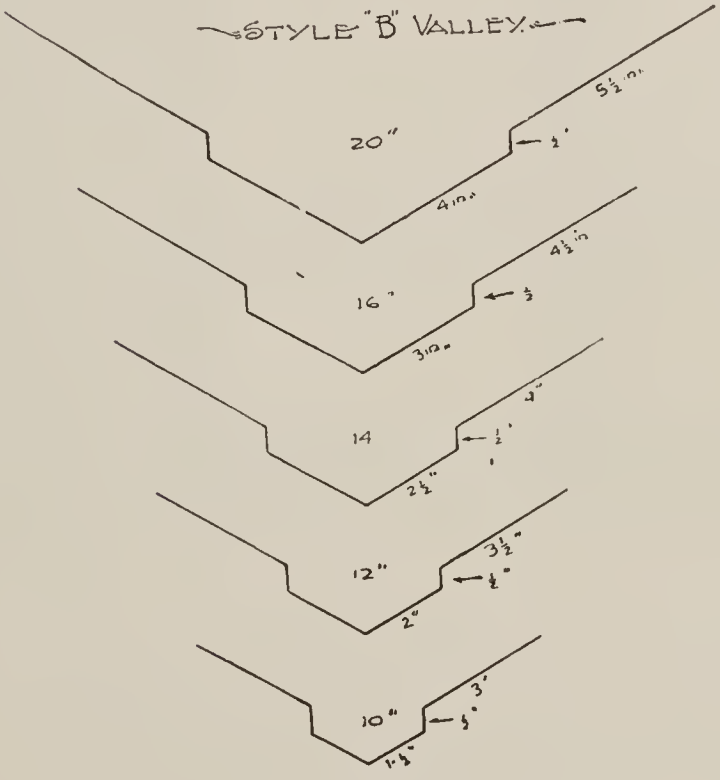


Fig. 831.

GALVANIZED WELL CASING.

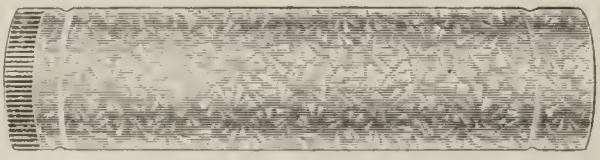


Fig. 860.

Formed and knocked down or finished ready for use. When shipped knocked down in 30-inch sheets, when put together in 12-foot lengths.

No. 22 gauge and lighter will have folded seam unless otherwise specified. If riveted seam, holes will be 4 inches apart.

No. 20 gauge and heavier always punched as above.

On account of the high rate of freight on casing put together, we recommend the knocked down formed casing which is easily put together.

Made from Nos. 26, 24, 22 and 20 gauge in all sizes from 3 to 12 inches. Write for prices.

ARTESIAN OR BORED WELL BUCKETS.

With Wrought Iron Bails.

Fig. 847.
Crimped Top.

Fig. 848.
Cone Top.

Made in Six Sizes.

Sizes 3½ x 52 inches, 4 x 37½ inches, 4½ x 30 inches, 5 x 28 inches, 5½ x 26 inches, 6 x 24 inches.

Order by number and give size.

PERFECTION EXPANDED METAL LATH.

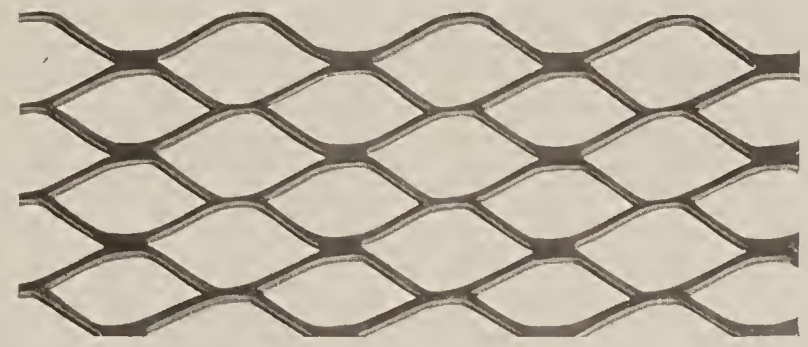


Fig. 840.

Galvanized, Painted or Not Painted.

This is by far the most practical and economical expanded lath on the market. Not alone is this due to its long life and superior efficiency, but—

To the positive fire protection which it affords;
To the ease and rapidity with which it can be applied;
To the perfect rigidity when in position;
To the small mesh, which assures no waste of mortar;
To the absolute barrier it presents to rats and mice;
To the great saving in space which its use makes possible;
To its comparatively low cost.

By its use the absence of seams and cracks in walls and ceilings is assured, for Perfection Expanded Metal Lath becomes a part of the wall—not a background for it; while stained walls, caused by the use of green or wet wood lath, become impossible.

Galvanized Metal Corner Board.

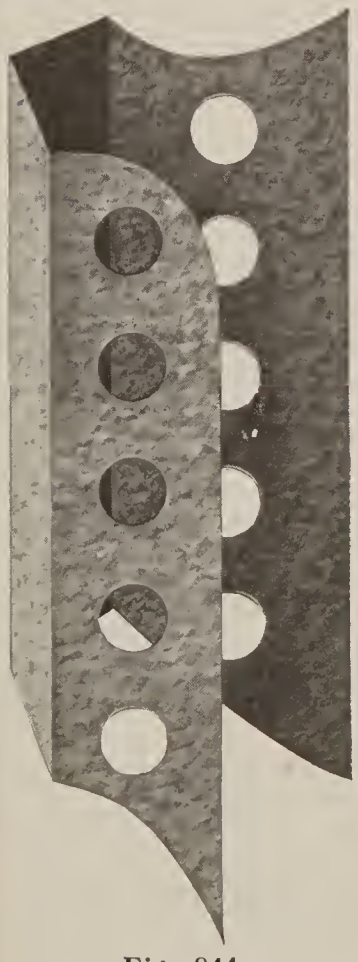


Fig. 844.

PERFECTION EXPANDED METAL LATH.

Gauges	27	26	25	24
Weights per square yard	2¼ lbs.	2½ lbs.	3 lbs.	3⅜ lbs.

Size of sheets.....18 x 96 in.
Packed 15 sheets.....20 square yards to the bundle.

Galvanized Iron Wall Ties.

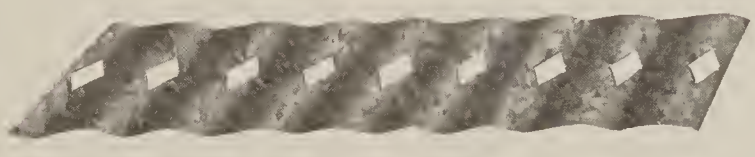


Fig. 845.

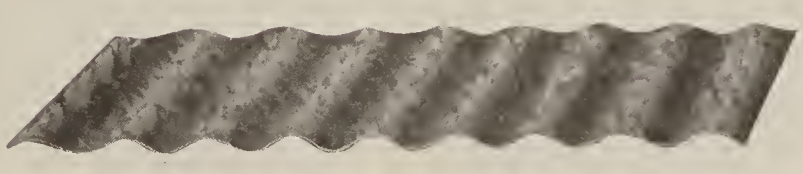


Fig. 846.

Made from galvanized iron, any gauge, width or length. Write for prices, stating requirements.

Fig. 844—For protecting plastered corners. Easily and quickly applied. The plaster cannot be detached by ordinary causes. Is adjustable to any ground. Stock lengths, 4 to 10 feet. Write for prices.

Fig. 865.

LETTERS.

Block—	6-inch, galvanized steel	$ .40 each
	8-inch, galvanized steel	.45 each
	12-inch, galvanized steel	.50 each
	18-inch, galvanized steel	.80 each
	24-inch, galvanized steel	1.20 each
	36-inch, galvanized steel	1.50 each

Coppper letters quoted on application.

SPUN BALLS.

Price List.

Half Balls—Zinc.

	Per Hundred Half Balls Net
1 -inch	$0.75
1½-inch	1.00
2 -inch	1.65
2½-inch	1.90
3 -inch	2.40
3½-inch	2.90
4 -inch	4.10
4½-inch	4.60
5 -inch	5.75
5½-inch	7.25
6 -inch	8.25
6½-inch	8.50
7 -inch	8.75

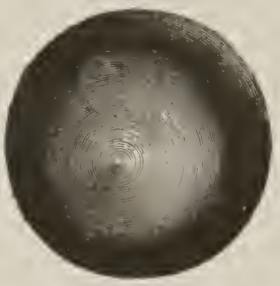
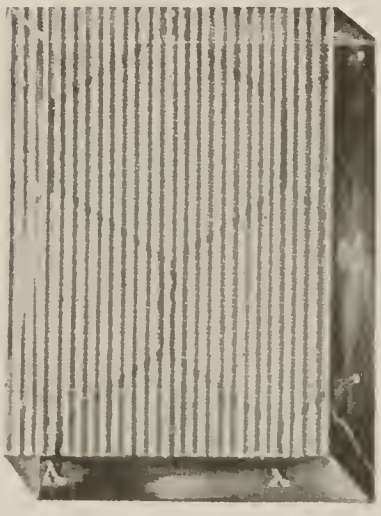


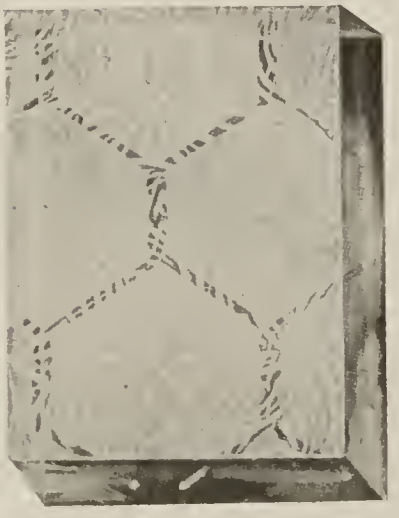
Fig. 866.

	Per Hundred Half Balls Net
7½-inch	$11.00
8 -inch	11.75
9 -inch	14.50
10 -inch	17.75
11 -inch	21.75
12 -inch	29.75
13 -inch	41.75
14 -inch	49.25
15 -inch	73.75
16 -inch	79.75
17 -inch, each	1.15
18 -inch, each	1.43
20 -inch, each	1.90
22 -inch, each	2.80

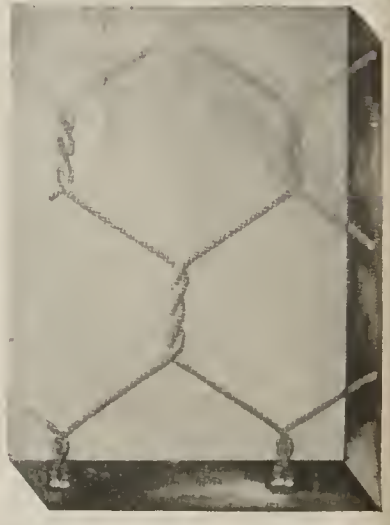
ILLUSTRATIONS OF THE VARIOUS DESIGNS OF WIRE GLASS.



Ribbed Wire.
Fig. 867.



Maze Wire.
Fig. 868.



Rough and Polished Wire.
Fig. 869.

Furnished with or without wire.

Sizes ⅛-in., 3/16-in., ¼-in., 5/16-in. and ⅜-in. thick. Any width up to 48 inches and length up to 96 inches.

Priees quoted on application.

IRON OXIDE.

Fig. 870.

MADE READY FOR THE BRUSH.

Prepared Expressly for Metallic Roofs, Shingles, Siding, Bridges, Barns, Sheds, Brick Walls, Railroad Buildings, Etc.

We make "Our Own" Paints ourselves, of pure BOILED LINSEED OIL and IRON OXIDE PAINT ground in oil, thoroughly mixed by machine, GUARANTEEING them the best that can be made, and not to crack, scale, blister or peel.

One gallon covers 400 to 500 square feet of surface.

Prices.

Colors—Red and Prince's Brown.

One gallon kit, per gallon	$1.30
Two, three and four gallon kits, per gallon	1.25
Five gallon kits, per gallon	1.20
Ten gallon tubs, per gallon	1.10
Twenty-five gallons, half barrel, per gallon	1.00
Fifty gallons, barrel, per gallon	.90

GRAPHITE.

Dark Slate Color.

Is unaffected by Salt, Air, Sulphur, Ammonia, Chemical Fumes, Alkali, or any solution known to chemistry and has no equal for Metal Roofs, Iron Bridges, Smoke Stacks, etc. Graphite Paint is very light, one gallon covering over 700 square feet of surface.

Prices.

One gallon kit, per gallon	$1.60
Two, three and four gallon kits, per gallon	1.55
Five gallon kits, per gallon	1.50
Ten gallon tubs, per gallon	1.40
Twenty-five gallons, half barrel, per gallon	1.35
Fifty gallons, barrel, per gallon	1.30

PAINT GROUND IN OIL.

PASTE FORM.

	Graphite, Dark Slate Color	Iron Oxide, Red or Brown
10 pounds	15 cents per pound	6 cents per pound
25 pounds	14 cents per pound	5¾ cents per pound
50 pounds	13½ cents per pound	5¼ cents per pound
100 pounds	13 cents per pound	5 cents per pound
½ Barrels	12 cents per pound	4½ cents per pound
Barrels	12 cents per pound	4½ cents per pound

DRY IRON ORE PAINT.

Fig. 871.

Color—Dark Red.

Used for Painting Metal Roofs, Factory, Farm and Railroad Buildings, Bridges and Iron Work of All Kinds.

Prices

Kegs, 100 pounds, per pound, net	$ .01½
Barrels, 400 pounds, per pound, net	.01

ELASTIC ROOF CEMENT.

Guaranteed the Best in the Market.

For pointing up and preventing leaks in metallic roofs, around chimneys, copings, sky-lights, gutters, cupolas, dormer windows, slate, stone, brick and wood.

Iron, Tin, Shingle and Slate Roofs can be made absolutely and permanently water tight by the use of our Elastic Roof Cement.

Is very adhesive, sticks to anything. **Will not crack in summer or winter,** and is easily applied with knife or trowel.

Prices.

5-pound can, net	$ .50
10-pound can, net	.80
25-pound can, net	1.50

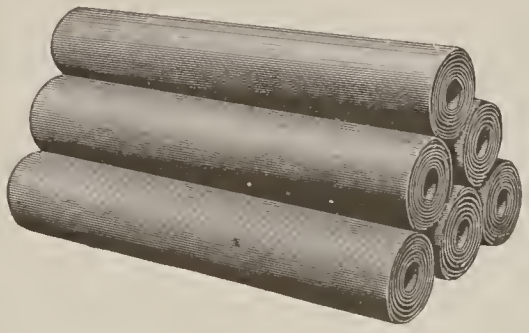


Fig. 895.

ROOF LINING PAPERS.

We Keep in Stock Three Kinds—Water-Proof Sheathing Paper, Dry Red Rosin Sized and Tarred Slaters' Felt.

We recommend the use of Lining paper under all roofs, whether Steel, Iron, Slate or Shingles, as it is a non-conductor of heat and cold and makes buildings cooler in summer and warmer in winter. Also prevents condensation and dampness and deadens sound.

WATER-PROOF SHEATHING.

For Durability, Cost and Covering Capacity, is the Cheapest Water-Proof Paper in the Market.

Made from the best Manilla stock and saturated with a patent Water-Proof Compound. Is the best Water-Proof Sheathing made and the only Sheathing that will withstand dampness. It can be used under Slate, Tin, Iron, Shingles, Floors and all kinds of Siding.

It can be used in all places instead of Tarred Felt, is much more durable and clean and free from unpleasant odor.

Please notice that other Water-Proof Papers are merely sized, or coated on the **outside** and that **every fibre** of this paper is thoroughly saturated with a Water-Proof Mixture.

In Rolls 36 Inches Wide, Containing 600 Square Feet.

Price per roll, net.....$1.20

RED ROSIN SIZED FELT.

Is a good article, well known to all builders, but not water-proof. Not expensive and always satisfactory.

In Rolls 36 Inches Wide, Containing 800 Square Feet.

Price per roll, net.....$1.00

TARRED FELT.

Recommended for Sheathing under Slate Roofing only.

In Rolls Containing 600 and 700 Square Feet.

Price per roll of 600 square feet, net.....$ .90
Price per roll of 700 square feet, net..... 1.00

WALL BOARDS.

Fig. 401.

A single sheet of Asphalt Mastic Wall Board is 4 x 4 feet square. It comes from the factory accurately cut to the 4 x 4-foot size and is all ready to nail on the studding of your building. Anybody who can drive nails can put it on.

Fig. 401 shows the front side of a sheet of Wall Board. It is of high grade sized cardboard about the shade of illustration. It takes wall paper, paint, burlap or any other wall decoration. With panels it makes a very handsome appearance in its own tint, without any decorations.

Fig. 402 shows the opposite side of a sheet of Wall Board with the kiln dried dressed laths imbedded in the Asphalt Mastic. These laths are pressed into hot Asphalt Mastic under a weight of 500 pounds to the square inch. It is the only wall board stiffened by laths. Laths are absolutely necessary to hold wall board stiff—rigid and flat throughout its lifetime. Wall board without lath warps, twists out of shape and draws away from the joints. You have assurance of protection from these troubles when your wall board is strengthened by laths. Never warps—never twists out of shape. It stays flat as long as the wall stands.

Fig. 402.

There are about 26 laths to the sheet, the laths being about ¾-inch apart. The thickness of the whole is three-eighths-inch. The sheets are easily handled by one person. Shipped in crates of 16 sheets. Each sheet is 4 feet square and three-eighths of an inch thick. One crate will cover 256 square feet of wall surface. One crate of Wall Board or Sheathing weighs 300 pounds

Prices on Application.

SHEATHING.

Best and Cheapest for Sheathing and Roof Boards. Its many uses.

Sheathing is made of same materials as Wall Board, but finish is not necessarily so fine, therefore costs less. It is of uniform thickness, insuring a perfectly even surface when applied. Is nailed to studs with lath and asphalt side exposed. Over laths, weather boards, rock face stone or brick, corrugated iron or any other form of metal is nailed or cement applied, making a more solid and substantial wall than lumber. There are no gaping joints; no widening cracks due to shrinkage; no knot holes. The Asphalt Mastic is a non-conductor, moisture cannot penetrate it. It is proof against vermin. The pests cannot bore through the tough gummy Asphalt Mastic. In applying metal siding of all kinds over the laths, dead air space is left between the laths forming splendid insulation. Does away with the expense of building paper and cost of its application. One wagon load of Sheathing covers an area from six to ten times as great as one load of lumber—a tremendous saving in hauling. Five thousand feet can be hauled in an ordinary wagon. The cost of applying it is but $2.50 per 1,000 feet—***a saving of about 75 per cent.*** Furthermore, 1,000 square feet of wood sheathing covers but 750 feet of surface, 20% less, being due to tongue and groove. In our sheathing 1,000 square feet covers 1,000 square feet of space. In applying ordinary lumber, heavier scaffolding, more tools and greater scaffold floor-space are required. In applying our Sheathing, one man drives a few nails in each sheet; a common laborer or boy can finish the nailing. Insures comfort during the construction of the building. As soon as the building is closed in with our Sheathing, the men may work in comfort on the inside during bad weather, finishing the outside on suitable days. This insures continuous work, without loss of time, enabling the contractor to hold his men and complete the work in the least possible time.

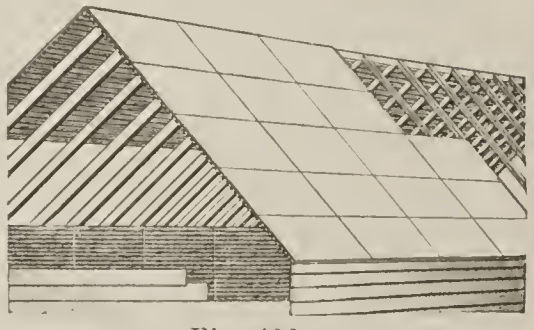


Fig. 403.
Shows Sheathing over rafters ready for roofing, also weather boards over Sheathing.

IT'S MANY USES.—Is used with equally splendid results under flooring and roofing boards. Used under floors, it serves as a sound deadener and keeps out dampness; used under shingles, it keeps out summer heat. Is also used with excellent results as a lining for dairy barns, ranch houses, poultry houses, driving stables or any out-door building where protection from the elements, summer or winter, is desired.

This Sheathing makes an ideal backing for all forms of metal roofing and siding. An ideal material for cement exterior or stucco work. Cement firmly adheres to the laths and Asphalt Mastic and makes a solid, smooth exterior. For factory or residence this form of concrete or stucco construction is the cheapest and best known.

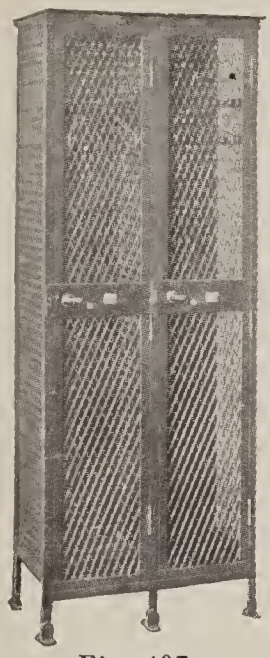


Fig. 407.

METAL LOCKERS.

No fire-proof building is complete without metal lockers. All factories, schools, clubs, office buildings, in fact any building where men or women gather should be equipped with metal lockers.

They are sanitary, fireproof, thief-proof, fool-proof, compact, durable and reasonable in price.

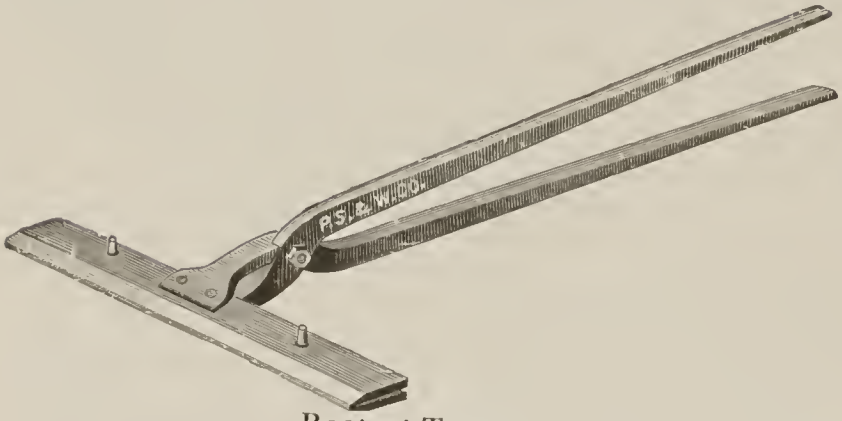
Send us your specifications and we will give you figures on a complete equipment.

MARQUISE.

Fig. 410.

A neat, ornamental marquise above your main entrance adds one hundred per cent to the appearance of your building. It is also a protection from rain or snow. We make all kinds and are prepared to manufacture special designs when detail and specifications are furnished. Send for designs and prices.

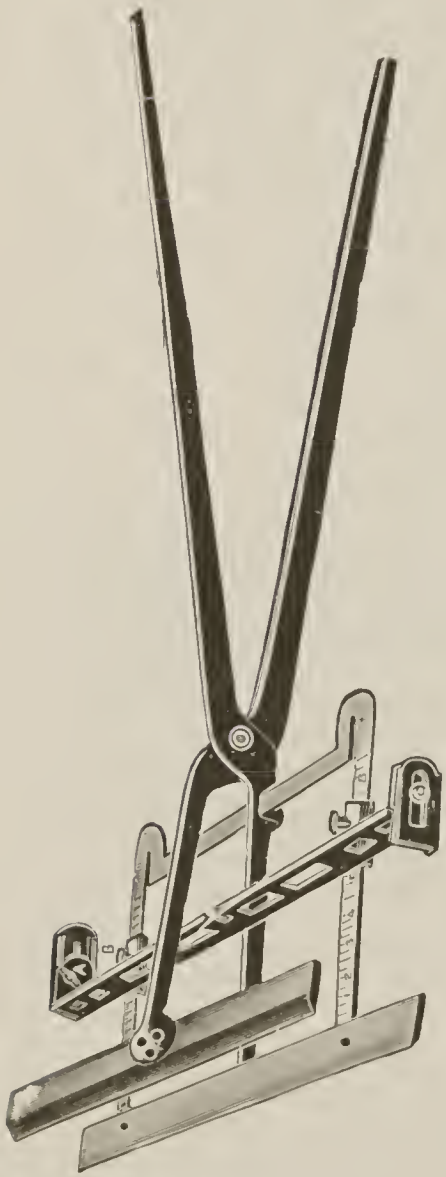
ROOFING TOOLS.



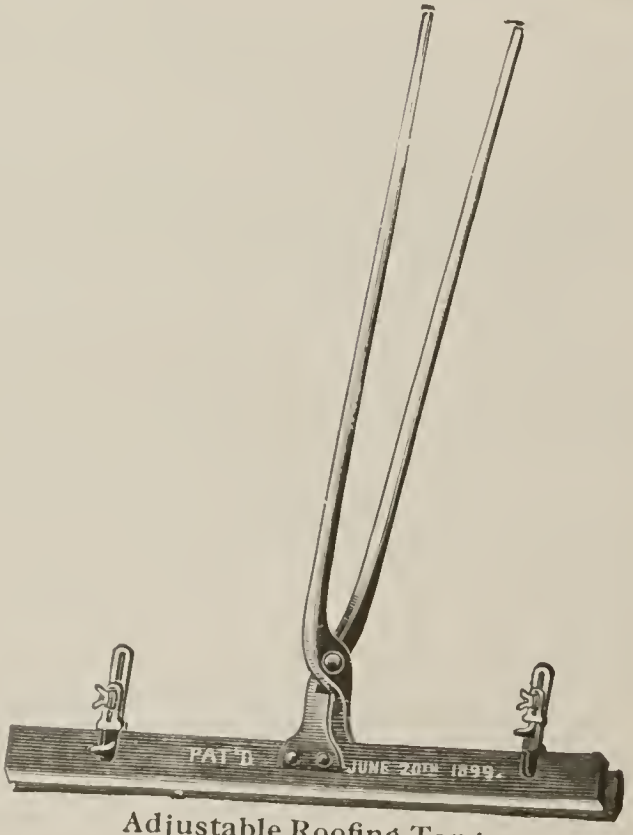
Roofing Tongs.
Fig. 279.

Hand Double Seamer.
Fig. 276.

Gutter Tongs.
Fig. 278.



Deep Throat Roofing Tongs.
Fig. 277.



Adjustable Roofing Tongs.
Fig. 280.

ROOFING TONGS.—STEEL.

Fig. 279.

Steel Roofing Tongs, sizes ½, ¾, 1, 1¼, 1½, 1¾ and 2 inches; length of blades, 18 inches; net weight about 15 lbs. per set. Per set of two pairs.....$6.00

ADJUSTABLE ROOFING TONGS.

Fig. 280.

Adjustable Roofing Tongs will turn any size edge from ¾ to 3 inches by simply adjusting the Thumb Screw and sliding the gauge to the desired width. They are light and strong and adapted to bending all kinds of ordinary sheet metal.

Length of blades 18 inches. Per pair, net weight 9 pounds.....$4.00

GUTTER TONGS.

Fig. 278.

Gutter Tongs, length of blades 14 inches; depth of throat 14 inches; net weight 8 pounds. Each.....$4.00

DEEP THROAT ROOFING TONGS.

Fig. 277.

These Tongs will turn any edge from ½ to 10 inches by simply adjusting the thumb screw and sliding the gauge to the desired position. They are adapted to edging and bending all kinds of ordinary sheet metal. They are simple in construction, strong, light and durable and can be used on material as thick as No. 22 gauge.

Net weight 11¾ lbs. Per pair.....$6.50

HAND ROOFING DOUBLE SEAMERS.

Fig. 276.

Hand Roofing Double Seamers, to match tongs, net weight about 15 lbs. per set. Per set of two pairs.....$1.75

Please state size wanted.

JOINTER.

Used with V Crimp, Middle V Crimp and Pressed Standing Seam Roofing. Self Cap Roll Roofing and Roll and Cap Roofing.

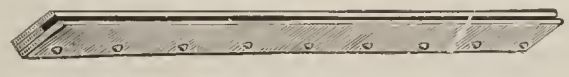


Fig. 306.

Made 22 inches long. For turning a ¾ inch fold. Price.....50c

WOOD ROOFING FOLDERS.

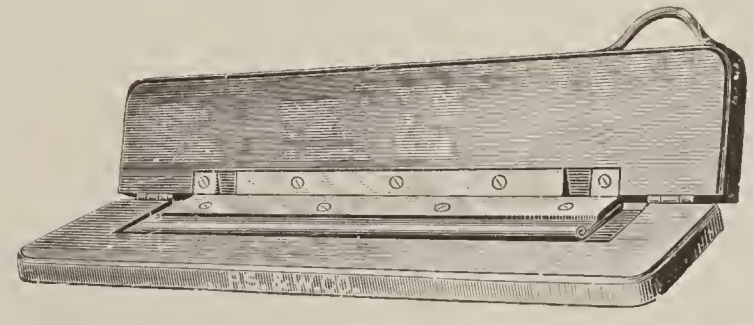


Fig. 281.

	Shipping Weight	Price
Common Wood Roofing Folders, for 20-inch	7 lbs.	$2.50
Common Wood Roofing Folders, for 28-inch	12 lbs.	3.50
Improved Wood Roofing Folders, for 20-inch, with gauge	7 lbs.	3.50
Improved Wood Roofing Folders, for 30-inch, with gauge	15 lbs.	5.00

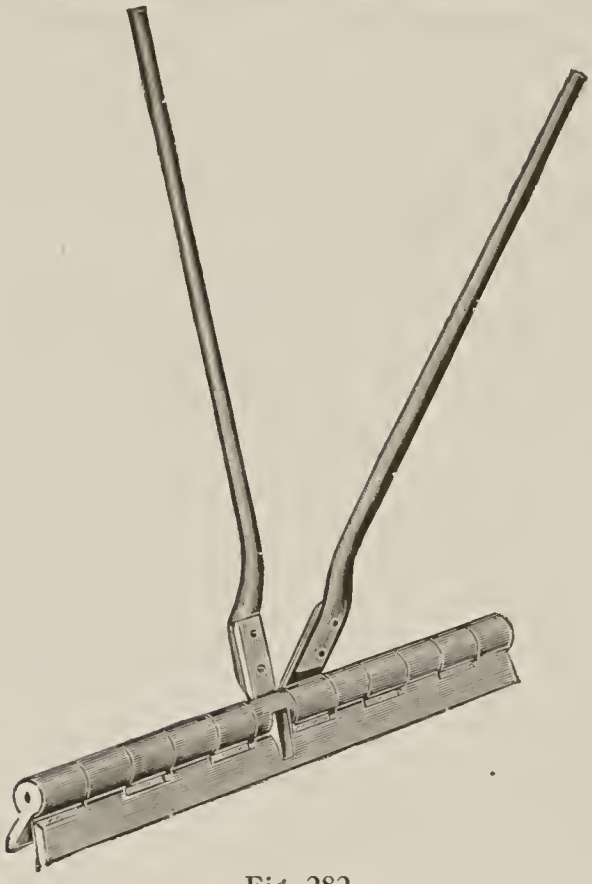


Fig. 282.

MALLEABLE EDGING TONGS.

These are used for roll and folding eap roofing only (single seam). For double seams the Roofing Tongs, Fig. 305 (page 89) are required, as they make a sharper bend. Malleable Edging Tongs, 1 or 1½ inches high, net weight about 11 lbs.

1 ineh. $1.75
1½ " 2.25

In ordering state size wanted.

SQUEEZING TONGS.

Fig. 283.

Used for compressing seams of roll eap and pressed standing seam roofing. Made of best east iron, with solid handles.

No. 2 press two indentations while squeezing the seam, and are also ealled Countersinking Tongs.

	Weight	Priee
Squeezing tongs.	15 lbs.	$1.50
No. 2 Squeezing tongs.	15 lbs.	2.50

Fig. 284.

TINNER'S MALLETS.

Made of best seeond growth Hiekory.

Size.	
No. 7, 2 x 4½ inehes, per dozen.	$1.25
No. 8, 2¼ x 5 inehes, per dozen.	1.35
No. 9, 2½ x 6 inehes, per dozen.	1.50
No. 10, 2¾ x 6 inehes, per dozen.	1.75
No. 11, 3 x 6 inehes, per dozen.	2.00
No. 12, 3¼ x 6¼ inehes, per dozen.	2.25
No. 13, 3½ x 6½ inehes, per dozen.	2.50

SELF CENTERING TINNER'S PUNCH.

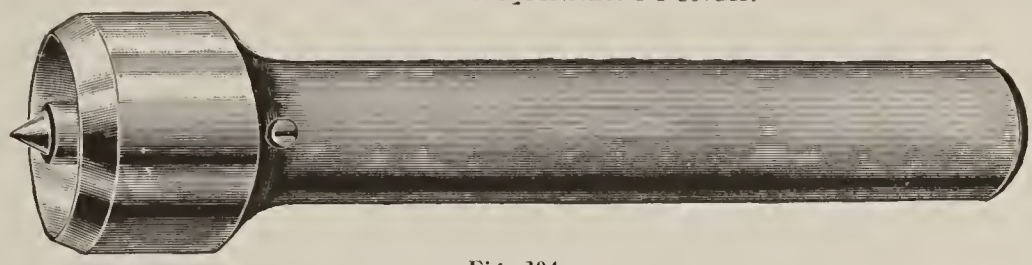


Fig. 304.

With Automatic Spring Center.
Will Save Its Cost With a Few Days' Use.

It is made of a special grade of steel and the edge is guaranteed to bear hard service without crumbling. It is absolutely beyond comparison the best tool.

Size	Each	Per Doz.	Length	Size	Each	Per Doz.	Length
½	$1.25	$15.00	5 in.	1⅜	$2.50	$30.00	5½ in.
⅝	1.30	15.60	5	1½	2.65	31.80	5½
¾	1.35	16.20	5	1⅝	2.80	33.60	5½
⅞	1.50	18.00	5	1¾	3.00	36.00	5½
1	1.75	21.00	5	1⅞	3.15	37.80	5½
1⅛	2.00	24.00	5¼	2	3.25	39.00	5½
1¼	2.25	27.00	5½				

½ in. 1/3 dozen, ⅝ to 1 in. ¼ dozen, 1⅛ to 2 in. 1/6 dozen in a box.
When ordering please state size and quantity desired.

IMPROVED DOUBLE SEAMER.
For Single or Double Seaming Iron, Steel and Galvanized Roofing Only. Three Tongs in One.

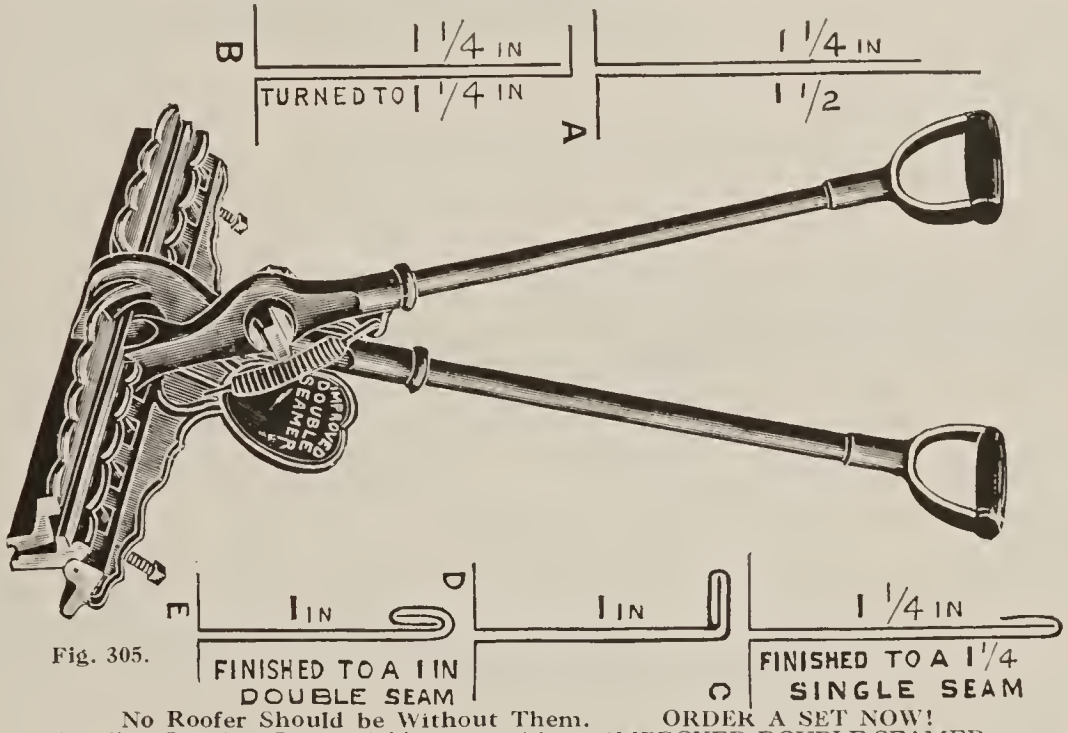


Fig. 305.

No Roofer Should be Without Them. ORDER A SET NOW!
Bending, Seaming, Countersinking done with our IMPROVED DOUBLE SEAMER.
Made in Sizes of 1-inch, 1¼-inch and 1½-inch.

READ CAREFULLY BELOW HOW TO ORDER AND USE THEM.

Instead of forcing the handles together as is done with the old style double seamer when bending or turning the "L" in the metal, they are forced apart, giving the operator more power, thus requiring less strength and not as hard and tiring to work.

For making a ¾-inch Finished Seam use a 1 -inch size of above Seamers.
For making a 1 -inch Finished Seam use a 1¼-inch size of above Seamers.
For making a 1¼-inch Finished Seam use a 1½-inch size of above Seamers.

For Double Seaming, Improved Double Seamers follow the ordinary Turning or Edging Tongs and are used in the same proportion to the Tongs as the 11and Double Seamers—for instance, to make a 1-inch standing seam when finished, a 1½-inch and 1¼-inch Turning or Edging Tong and 1¼-inch and one 1-inch Improved Double Seamer would be required. When ordering please state width of Improved Double Seamers desired.

Price each, any width.....$ 8.00
Price per set of two, any width..... 15.00

Special discount on two sets or more.

RAISING HAMMERS.

Nos.	1	2	3	4
Weight	4¾	3¼	2½	1¾ lbs.
Raising Hammers, each	$2.25	$1.75	$1.25	$0.75
Handles, extra, per dozen				1.25

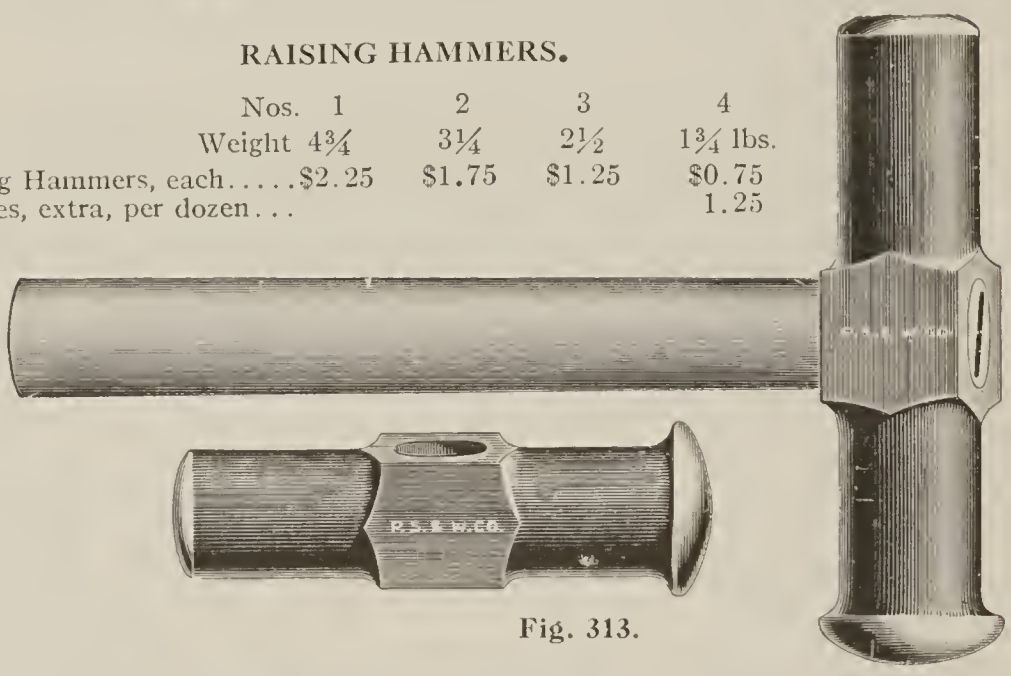


Fig. 313.

SOLID PUNCHES.

Fig. 285.

Nos.	0	1	2	3	4	5	6	7	8
Sizes of holes, inches	9/32	¼	7/32	3/16	11/64	5/32	9/64	⅛	7/64

Set of Solid Punches (4 punches, 2 chisels) per set $0.72
Solid Punches, cast steel, Nos. 0, 1, 2, 3, 4, 5, 6, 7, 8 and prick, each ..... .12

WIRE CHISELS.

Fig. 286.
Wire Chisel.

Fig. 287.
Lantern Chisel.

Size, inches	¼	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾	2
Wire Chisels, each	8c	9c	10c	11c	12c	13c	14c	15c	17c	19c	20c	24c	29c

Lantern Chisels, common size, each 12c

SOLDERING COPPERS.

Fig. 288.
Pointed Pattern.

Our Coppers are made from Lake Superior copper smelted specially for our use **hand forged, not cast,** and are guaranteed not to crack when heated for repointing.

The shanks are made from best of iron, and so forged to bolts as not to loosen from the effects of fire.

We have the following sizes in stock:

Pointed ..... 1½, 2, 3, 4, 5, 6, 7, 8, 9 and 10 pounds to pair
Flat ..... 2, 3, 4, 5, 6, 7 and 8 pounds to pair
Hatchet ..... 3, 4, 5, 6, 7, 8, 9 and 10 pounds to pair
Roofing, with handles and shields ..... 11 pounds to pair

Any special style of Soldering Coppers made to order.

Prices quoted on application.

RIVET SETS AND HEADERS.

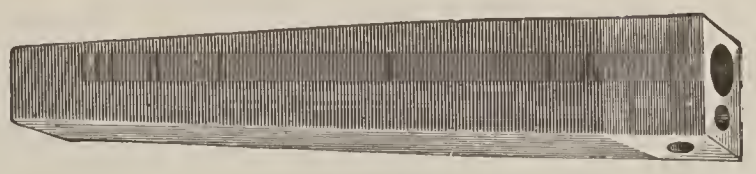


Fig. 289.

Number	00	0	1	2	3	4	5	6	7	8
Size of Hole	5/16	9/32	1 1/4	7/32	3/16	11/16	5/32	9/64	1/8	7/64-in.
For Iron Rivets.	14	10 & 12	8	6	4 & 5	2½ & 3	1¾ & 2	1½	1¼ lb.	10 & 12 oz.
Rivet Sets and Headers, each	75c	75c	63c	63c	50c	50c	37c	32c	32c	32c

GROOVING TOOLS.

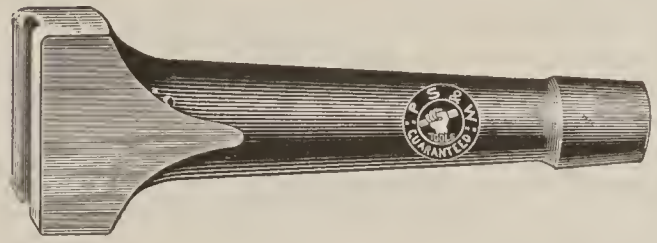


Fig. 290.

Number	00	0	1	2	3	4	5	6	7	8
Size, inches	½	7/16	3/8	5/16	¼	7/32	3/16	5/32	9/64	⅛
Grooving Tools, each	75c	75c	63c	63c	50c	50c	37c	37c	25c	25c

SCRATCH AWLS.

Fig. 291.
Per dozen.....$1.50

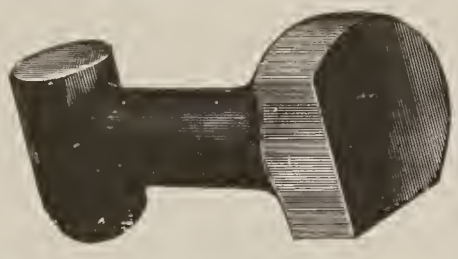


Fig. 312.

Fig. No. 312 is used for riveting where it is impossible to use a mandrel or stake. Very useful in seaming, also in riveting O. G. Gutter, turning square corners, making round corners, riveting all sorts of tinware in shop, etc.

Neatly finished, full length 6 inches, weight 5 pounds. Price.....$1.50

HOLLOW PUNCHES—SOLID FORGED.

Fig. 293.

Hollow Punches, all sizes to and including 1¾-inch diameter, round, per inch.....$1.00
Hollow Punches, above 1¾-inch diameter, per inch..... 1.25
Set of Hollow Punches, one each, ½, ¾, 1, 1½, 1¾-inch, per set..... 5.50

The above prices are for regular sizes from ¼ to 3 inches diameter, varying by ⅛-inch, which we carry in stock. Other sizes can be made to order, at special prices.

See our Self-centering Punch, Fig. No. 304, page 89.

SNIPS OR HAND SHEARS.

Forged.

Fig. 294.
Straight

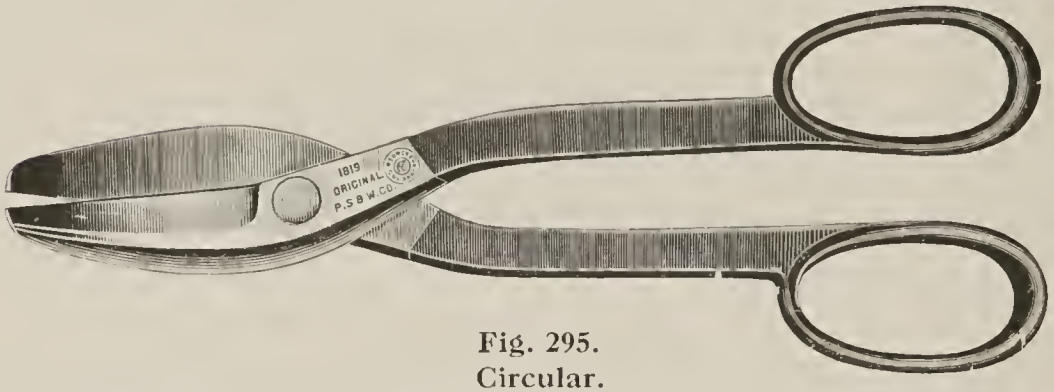


Fig. 295.
Circular.

These Snips are drop-forged of refined iron and the jaws are laid with high grade east steel, properly hardened. The finish is strictly first-class.

We make the Straight Snips in three styles. "Left Hand Snips," the ordinary kind, have the handles shaped for the right hand and they eut at the left side of the upper jaw. "Right Hand Snips" also have the handles shaped for the right hand, but they eut at the right side of the upper jaw, like Beneh Shears. Snips "for left-handed workmen" have the handles shaped for the left hand and the jaws for right-hand eut. For Snips for left-handed workmen we make an extra eharge of fifty eents net per pair. "Left Hand Snips" for right hand use are sent unless otherwise ordered.

Nos.	6½	7	8	9	10
Will eut	4½-in.	4-in.	3½-in.	3-in.	2½-in.
Snips, Straight, per pair	$3.00	$2.50	$2.00	$1.50	$1.40
Snips, Cireular, per pair	4.25	3.50	3.00	2.50	2.25

BERRIDGE'S IMPROVED No. 2 DOUBLE-CUTTING PIPE SNIPS AND PIPE CRIMPERS.

Patent Pending.

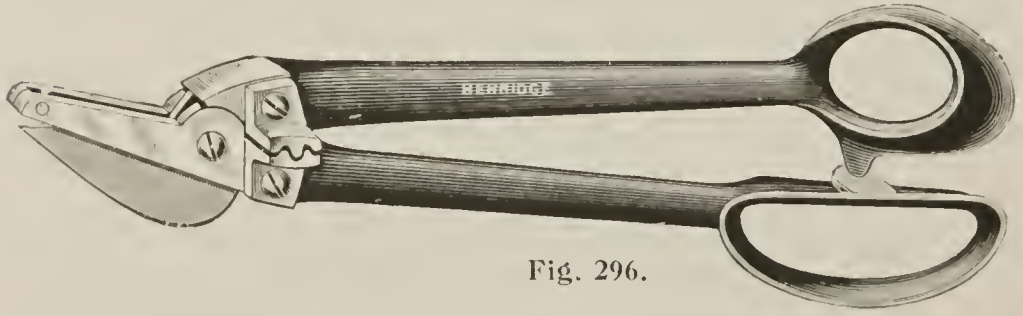


Fig. 296.

The grandest and best tool on earth for eutting and erimping every kind of sheet metal pipe of ordinary heft, round or square. The erimping jaws are made of steel, oil tempered. They are made interehangeable and adjustable. The whole construetion of this tool has been well studied in every particular and no expense spared to make it a valuable tool to every purehaser and to make their use indespensable.

Priee, with erimping attaehment, net $3.25
Priee, without erimping attaehment, net 3.00

BENCH SHEARS.

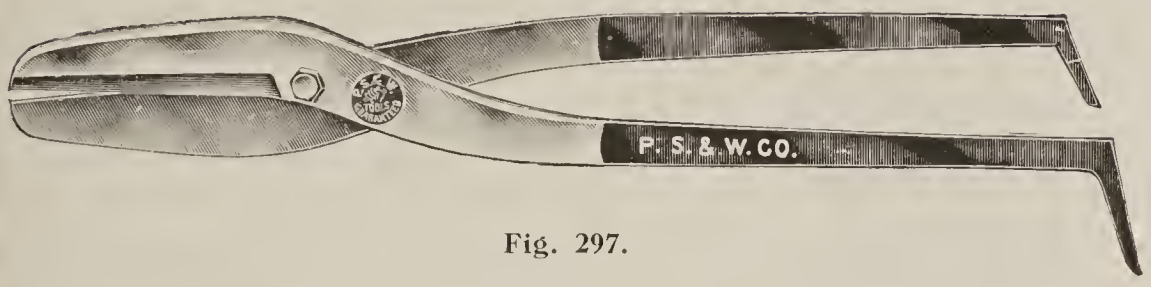


Fig. 297.

Nos.	00	0	1	2	3	4	5	6
Net Weight lbs.	33	29	21	17	13	10	8	6½
Length of jaws in.	12	10½	9	8⅝	8⅜	8	7	6
Price.....each	$13.50	$12.00	$8.00	$7.00	$6.00	$5.00	$4.00	$3.50

	Net Weight	Price
A, Elbow Bench Shears, cut 4 inches.....	8½ lbs.	$5.25
B, Elbow Bench Shears, extra heavy, cut 6 inches.....	18½ lbs.	12.00
C, Elbow Bench Shears, double extra heavy, cut 7½ inches, entire length 46 inches.....	37 lbs.	18.00

RIVETING AND SETTING HAMMERS.—BRIGHT.

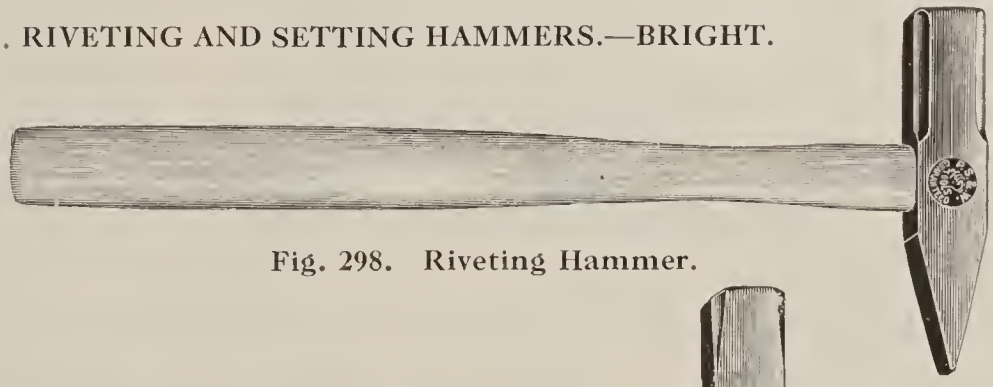


Fig. 298. Riveting Hammer.

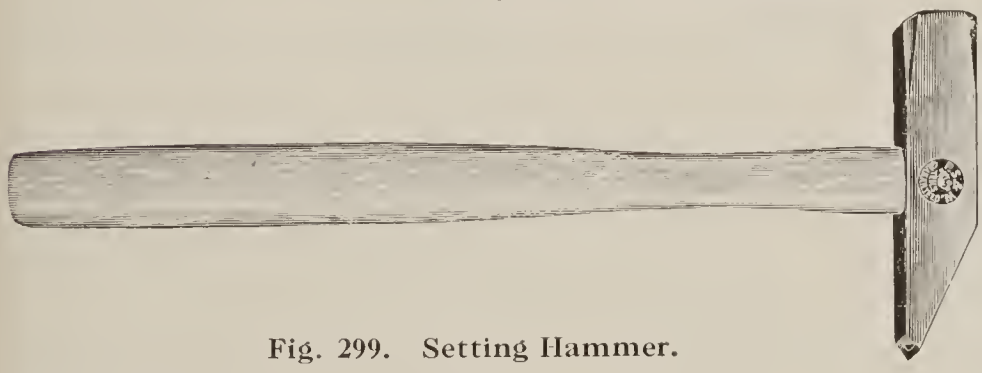


Fig. 299. Setting Hammer.

Nos.	0	1	2	3	4	5
Weight with handle.....ounces,	52	28	23	14	11	8
Size of face.....inches,	1½	1⅛	1	⅞	¾	⅝
Riveting Hammers, handled....per doz.	$15.50	$9.75	$8.31	$6.75	$5.31	$4.75
Riveting Hammers, handled....each	1.30	.82	.70	.57	.45	.40
Setting Hammers, handled.....per doz.		9.75	8.31	6.75	5.31	4.75
Setting Hammers, handled.....each		.82	.70	.57	.45	.40

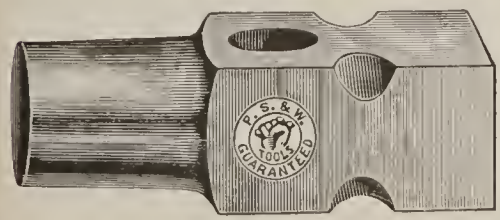


Fig. 300.

PLANISHING HAMMERS.

Planishing Hammers, per lb.....$1.00

Discounts on application.

No. 3 GEM GASOLINE FURNACE.

Fig. 301.

The slotted burner is made of cast iron, recessed in front and back, which insures durability. The solder from the soldering coppers cannot fall into the perforations. They are noiseless, odorless and powerful heaters. The heat is distributed the full length of the coppers. The aperture in the hood is of sufficient size to admit the largest size coppers, which can be heated in a short time. The Fire-proof Pneumatic Reservoir cannot be filled while burners are lighted.

An improved drip cup is provided, which generates the gas without smoke or smell.

Every furnace is guaranteed to be worked out-of-doors or on roofs in all kinds of weather.

	Shipping Weight	
No. 3 Gem, tin reservoir	20 lbs.	$7.00
No. 3 Gem, copper reservoir		8.50

EXCELSIOR GAS FURNACE.

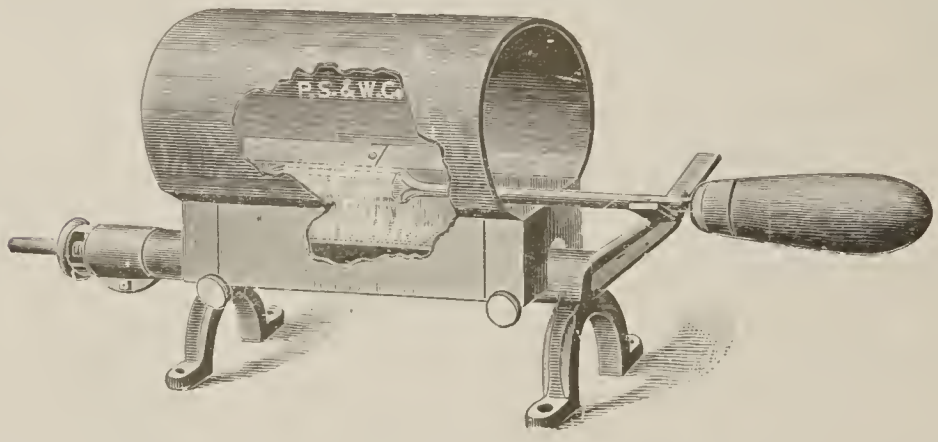


Fig. 302.

For heating soldering bits for tinners, plumbers, etc. This heater has been in the market for a number of years and its constantly increasing sales afford the best proof of the esteem in which it is held. It has come to be regarded by tinsmiths as the standard heater for gaseous fuel and has done much to bring the merits of gas into notice as an aid in the workshop.

Maximum consumption of gas, 10 feet per hour.

Excelsior Soldering Furnace, each $1.75

BUTTLE'S CHARCOAL FIRE POT.

This is a base-burning tinner's stove with double damper and reversible flue. It is an economical and sightly stove. Each pot is nicely japanned.

In starting the fire, the front door is opened; after the fire is well started, the front damper is closed and the back damper is opened. This causes a downward draft directly on the soldering copper, thus creating the densest heat where it is most required, and, as a consequence, there is not only a great saving of fuel, but the soldering coppers are heated much more rapidly than in any other tinner's stove.

Height, 16¾ inches; opening, 3¾ x 2¼ inches.

	Shipping Weight	Price
Buttle's Charcoal Fire Pot	16 lbs.	$2.25

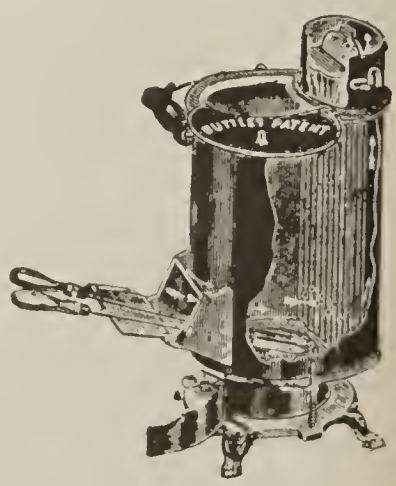


Fig. 303.

No. 1 Fire Pot (Seven Pints). Fig. 307.

Capacity, 7 pts. Shipping weight 14 lbs. Price, each.....$6.00

The No. 1 is adapted to a greater variety of uses than any other fire pot made. The tank is made of heavy galvanized iron (thoroughly braced) which enables it to withstand hard usage. All C. & L. fire pots are made with round tanks and this type is especially recommended for use on roofs and gutters, as it has been found by experience that the round tank is best adapted for such use. The burner is made of special generator metal, holding the heat longer, and produces an ideal blue flame, which is easily regulated and works perfectly in windy or cold weather. The burner is swiveled, which permits moving the flame up or down. No. 1 will easily accomodate a pair of 12 lb. coppers. The top section can be removed and the flame used as an open torch if desired.

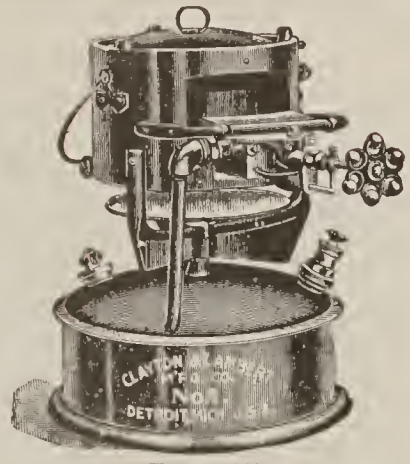


Fig. 307.

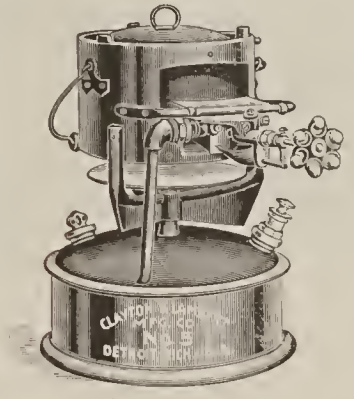


Fig. 308.

No. 5 Fire Pot (Five Pints). Fig. 308.

Capacity, 5 pts. Shipping weight 12 lbs. Price, each.....$4.50

The No. 5 is exactly like No. 1 except that it is one size smaller. Tank is made of heavy galvanized iron (thoroughly braced), as this metal stands hard usage. Top section will easily and quickly heat a pair of 8 lb. coppers. It is removable and the flame can be used as a torch or brazing fire. The burner produces a perfect blue flame of intense heat, which is not effected by wind or cold. No. 5, like No. 1, is fitted with patented automatic brass air pump in the tank which quickly produces an adequate working pressure and a spring check valve insures the pressure being constant. The No. 5 produces a hot flame, consumes but little gasoline and will soon pay for itself in the saving of fuel alone.

No. 71 Fire Pot (Seven Pints). Fig. 310.

Capacity, 7 pts. Shipping weight 15 lbs. Price, each.....$6.00

The No. 71 is noiseless, smokeless and odorless. Has sub-flame for the generator, which permits the flame to be turned very low when not in use. The burner has two heating surfaces and the gas is superheated before it is burned, producing an intensely hot blue flame, which burns from each side to the center. The flames are protected by a hood with cover and are not affected by wind or cold. A pair of twelve pound coppers can be easily and quickly heated. Has heavy round galvanized iron tank, equipped with patented automatic brass air pump, which produces quickly the air pressure required. The No. 71 is the hottest fire pot made for Tinners, Roofers, Cornice and Metal Workers. Uses but little gasoline and produces an intense and steady heat.

Fig. 310.

Fig. 311.

No. 72 Fire Pot (Five Pints). Fig. 311.

Capacity 5 pts. Shipping weight 14½ lbs. Price, each.....$4.50

The top section will care for a pair of 8 lb. soldering coppers. The burner has double heating surfaces and the gas is superheated before it is burned, which greatly aids in producing the very hot fire for which the No. 72 is noted. Sub-flame for the generator makes it possible to turn the flames very low and effects a large saving of gasoline, yet the maximum degree of heat can be obtained in a few moments. The hood and cover afford ample protection for the flames. The tank is round and made of heavy galvanized iron (thoroughly braced) and will withstand hard usage. The No. 72 is smokeless, odorless and noiseless in operation.

SIDEWALK DOORS.
Hinges and Frames Set Flush with Sidewalk.

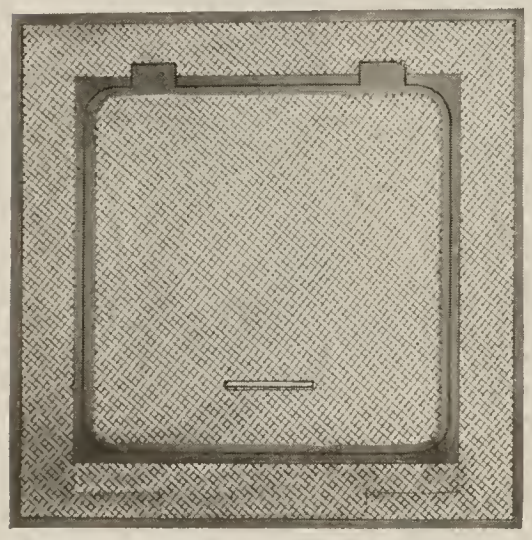


Fig. 876—Door Closed.

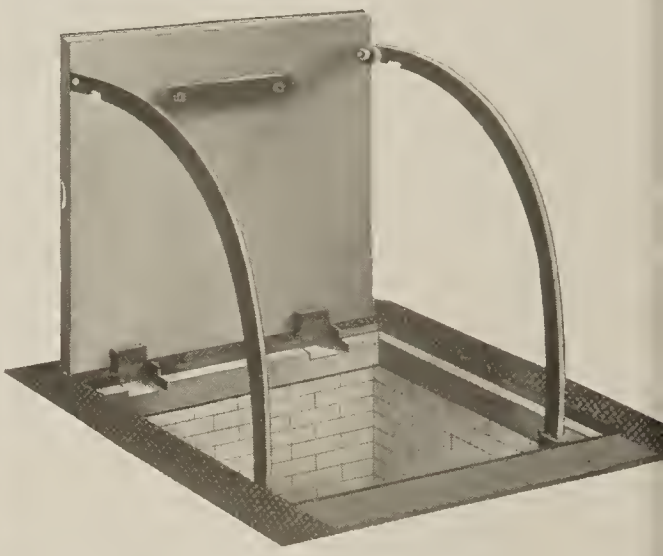


Fig. 877—Door Open.

Made with solid, ventilated and Illuminating Top. 18 x 24 inches, 24 x 24 inches, 24 x 30 inches. Sizes: 18 x 18 inches, 20 x 20 inches,

COAL HOLE RINGS AND COVERS.

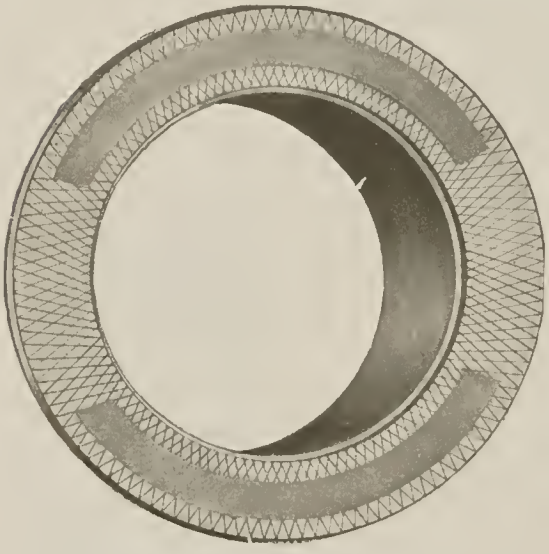


Fig. 878—Ring Frame.
16, 18, 20 and 24 inches in diameter.

Fig. 879—Illuminating Top.

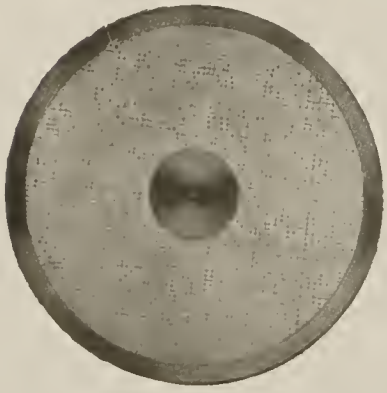


Fig. 880—Solid Checkered Cover.

Fig. 881—Ventilating Cover.

Prices on application, stating requirements.

ILLUMINATING VAULT DOORS.

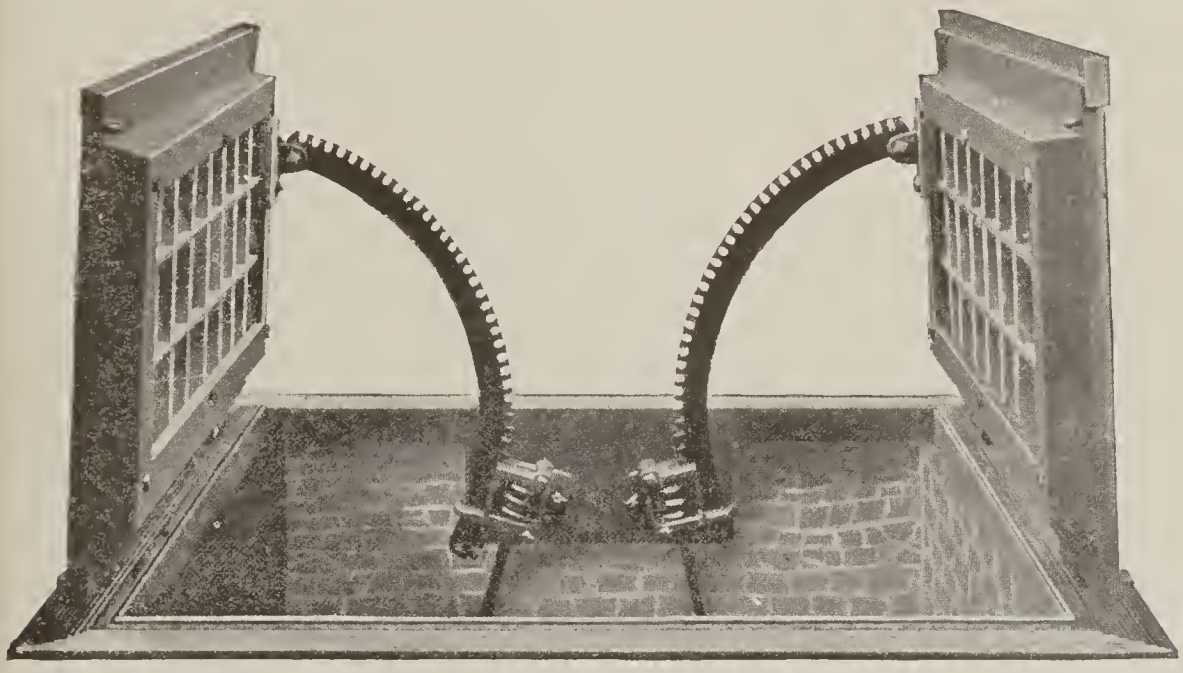


Fig. 882.
Shows Doors Opened with Ratchet Attachment.

STANDARD SIZES.

36 x 36 inches	36 x 73 inches
36 x 44 inches	48 x 48 inches
36 x 48 inches	48 x 60 inches
36 x 60 inches	48 x 72 inches

Prices on application.

These Vault Doors have a flange all around the edge which prevents leakage into basement.

There are no obstructions or projections of any kind above the sidewalk line.

Sold without or with opening device.

THE IMPROVED COAL CHUTE.

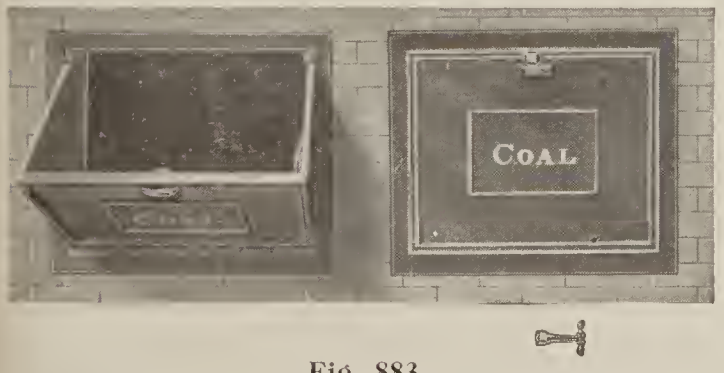


Fig. 883.

STANDARD SIZES.

	Hopper Opening	Outside Rim	Price
Size "A"..	22 wide 16 high	25x19	$10.00
Size "D".	24¾ " 20¾ "	27x23	12.50
Size "G".	32 " 24 "	35x27	15.00

Discount on application.

These Solid Paneled Coal Chutes were designed and specified by architects.

They are somewhat stronger and open a little wider than others, and are certainly the neatest in appearance. The Self-Locking device is also a great improvement over anything ever made.

No modern residence is complete with out an Improved Coal Chute.

The cost in five years is less than a wooden window frame, when you consider how the latter gets battered and marred.

The Improved Chute never wears out. **Cheapest in the long run. Always best.**

FIRE PROOF DOORS AND AUTOMATIC HARDWARE.

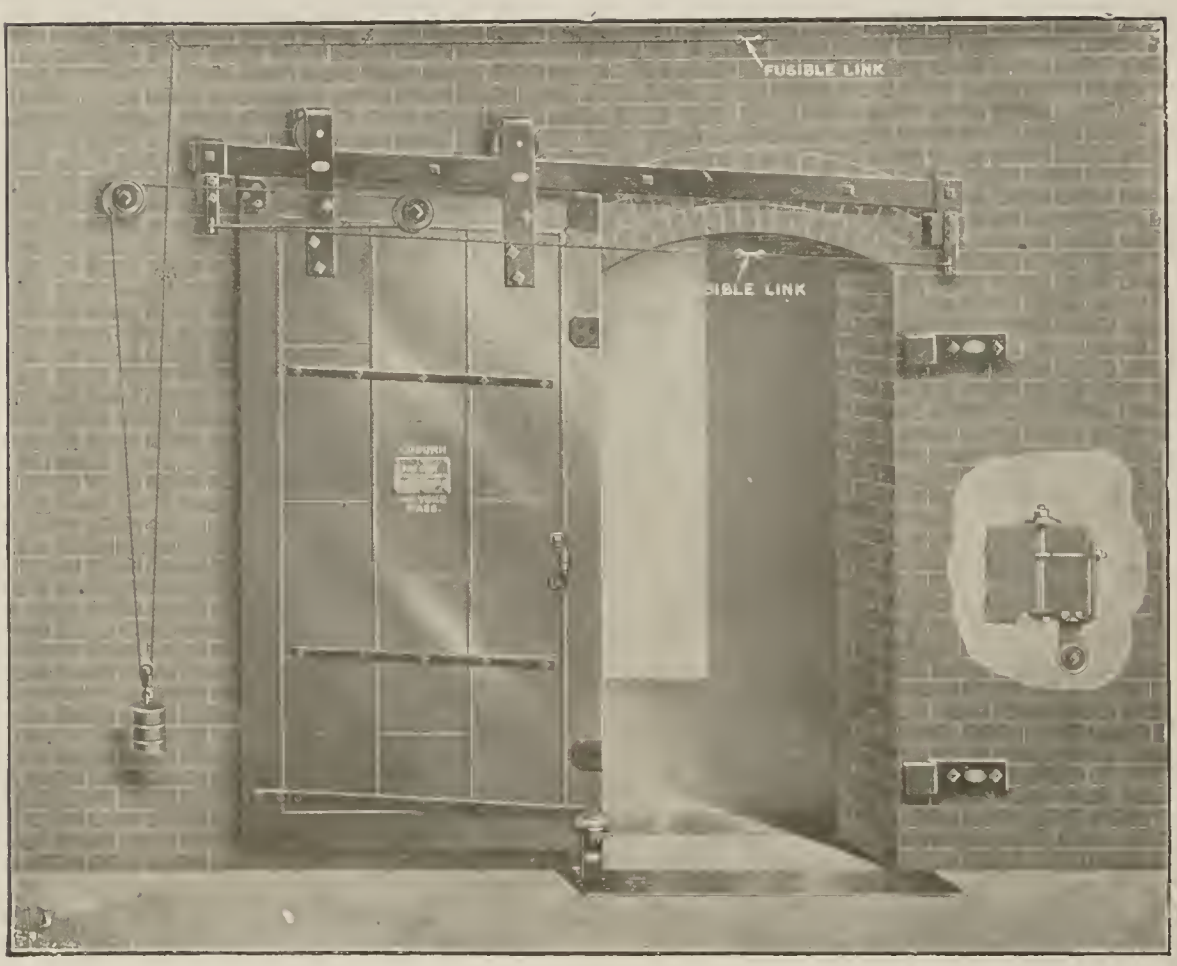


Fig. 801.

Single Incline Over-Lap Door and Hardware.

Tin clad doors and shutters, made with two and three ply white pine, covered with tin applied in the most careful manner. Prices for doors and hardware quoted on receipt of specifications. Give the size and number of openings and state if doors are single or double and if to swing or slide.

Doors and hardware are sold separately if wanted.

FIRE PROOF DOORS.

All openings through walls should be equipped with doors which will close automatically in case of fire

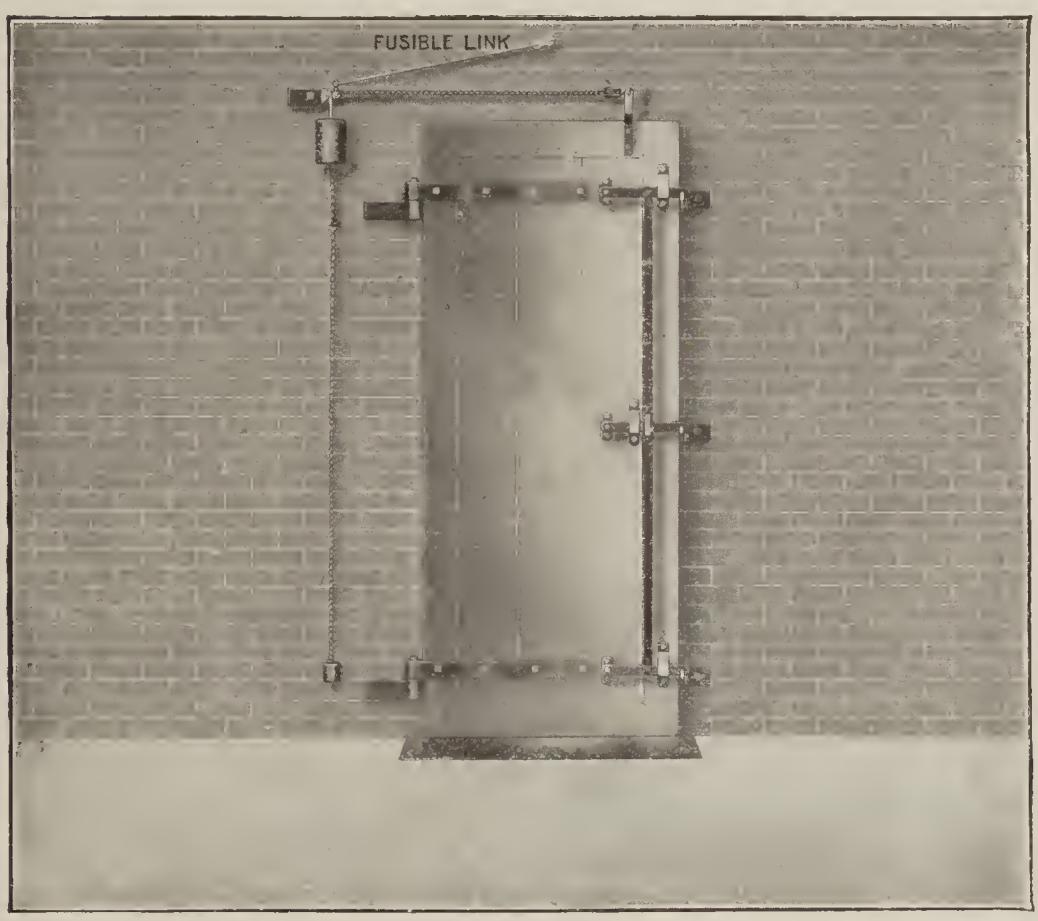


Fig. 802.

Single Over-Lap Hinged Door and Hardware

FIRE PROOF PANEL DOORS.

The core is made from white pine and covered with galvanized iron, kalamined iron, tin or copper.

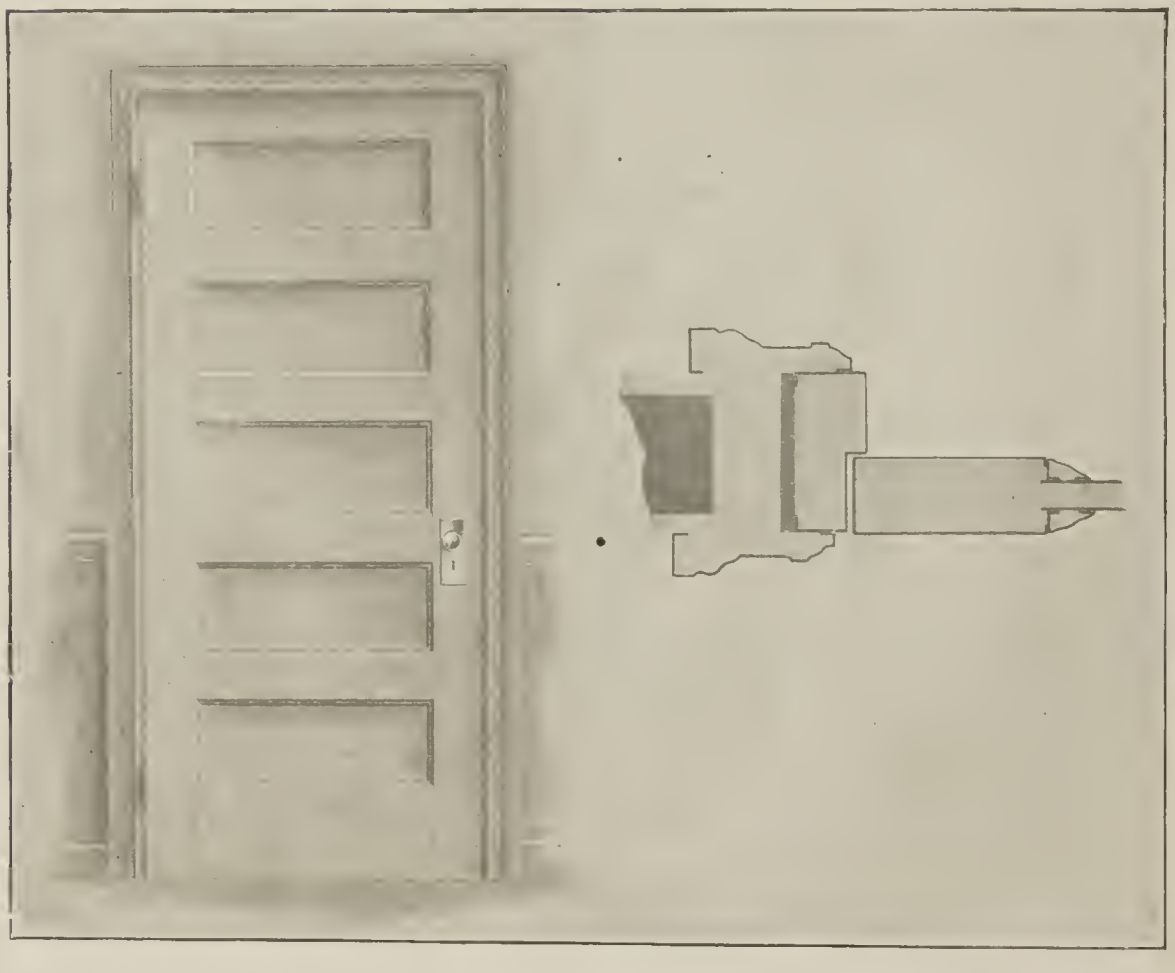


Fig. 803.

These doors, placed in a fire proof partition make each room a separate building.
Price on application.

CORRUGATED FIRE DOORS.

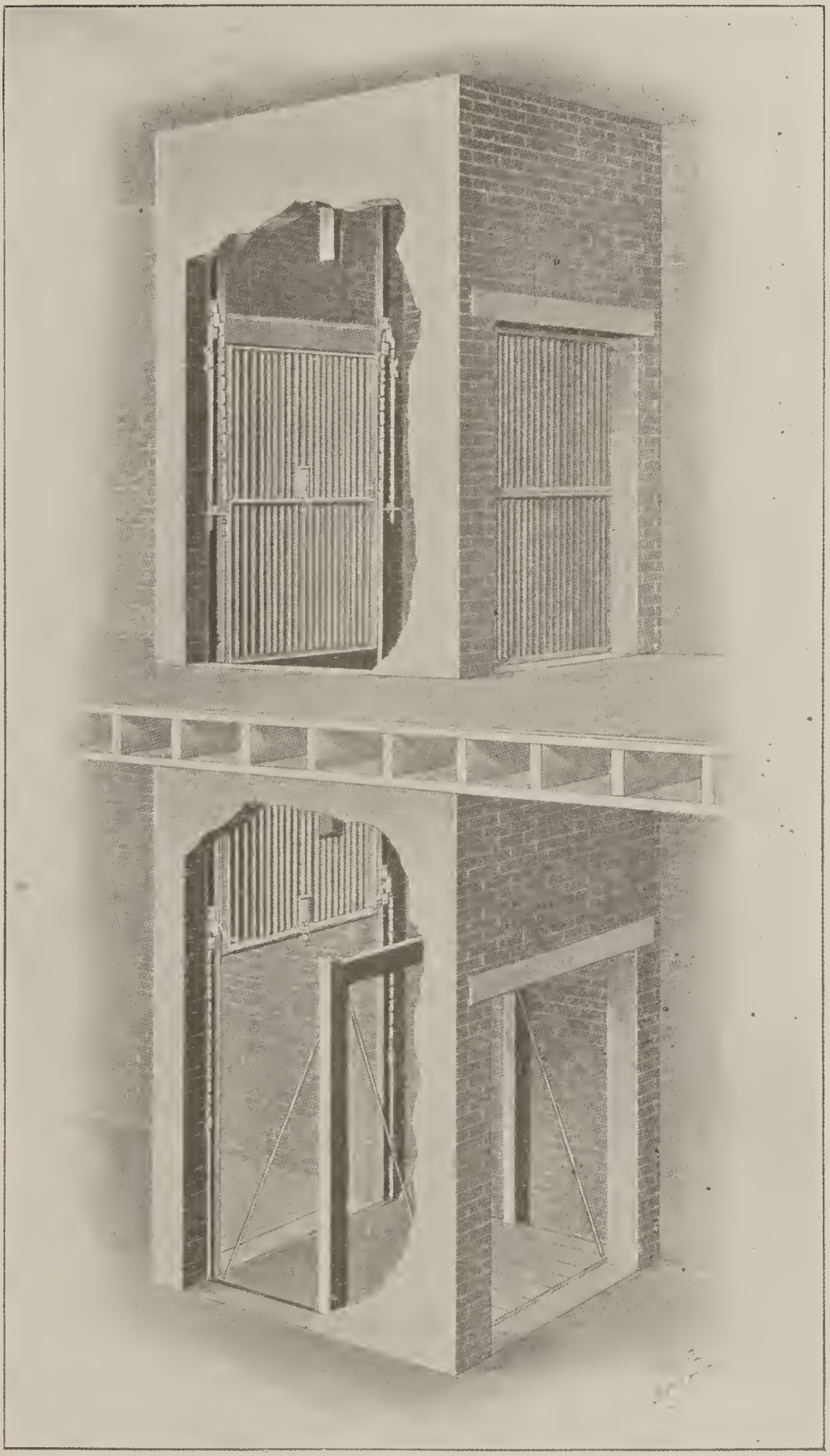


Fig. 804.

Corrugated Counter-balance Fire Doors for elevators or other openings where fire protection is wanted. Send drawings and specifications for prices.

GALVANIZED TANKS.

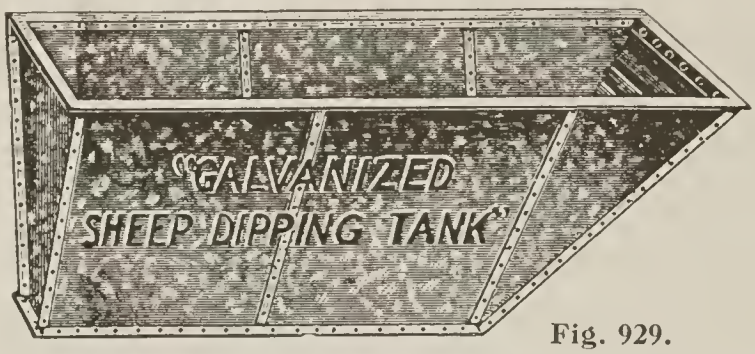


Fig. 929.

We make many of these tanks and as opinions differ so much as to the dimensions, we submit the following sizes and shapes that are generally used. In ordering this tank, if wanted narrower or wider at bottom, or not quite so deep, or more slanting at inclined end making bottom shorter, we furnish as ordered without additional charge. For a tank made wider at top than widths named in list, add 10 per cent to the list price for the extra width wanted.

When desired, we furnish a sheet of galvanized steel 8 feet long and the proper width for tank ordered, with the edges turned up 1 inch for dripping board. This is placed on boards with a little incline, forming a platform for sheep to walk out, which carries all the drip back to tank. For this the list price is $3.25.

INSIDE OF THE SLANTING END OF TANK is placed 1 inch angle bars forming a ladder, permitting sheep to walk out.

LIST PRICE OF SHEEP DIPPING TANKS.

Letter No.	Height, Feet	Length at Top, Feet	Length at Bottom, Feet	Width at Top, Inches	Width at Bottom, Inches	Weight, Pounds	List Price
A.....	3½	6	3	30	12	208	$22.50
B.....	4	8	5	20	10	226	29.00
C.....	4	8	5	24	10	230	30.00
D.....	4	8	4	30	10	230	31.00
E.....	4	8	5	30	10	235	31.00
F.....	4	10	5	24	10	320	35.00
G.....	3½	10	5	30	12	300	34.00
H.....	4	10	5	30	10	322	36.00
I.....	4	10	5	30	12	327	37.00
J.....	4	10	6	24	10	320	35.00
K.....	4	10	6	30	10	322	36.00
L.....	4	10	6	30	12	329	37.00
M.....	4	14	9	30	10	386	45.00

Fig. 930.

THE STAR GALVANIZED STEEL WAGON TANKS

Are the most durable form of a steel tank to be used on a wagon for the hauling of water for any purpose. They are made with a water-tight cover in center of which is placed a 14-inch round man-hole. At rear end near bottom is placed a 1-inch connection for either pipe or hose for drawing off water. This tank is made very strong, being thoroughly braced for the purpose intended. It may be used on any kind of wagon by simply laying boards on the wagon gear on which to set tank.

SIZES AND PRICES AS FOLLOWS:

Letter No.	Width, Feet	Height, Feet	Length, Feet	Capacity, Gallons	Weight, Pounds	List Price
A.....	3	2	10	378	245	$32.50
B.....	3	2	8	295	215	29.50
C.....	2½	2	8	245	203	27.50
D.....	2	2	8	197	183	25.00
E.....	2	2	6	144	146	22.00

OBLONG TANKS.
Round Ends.

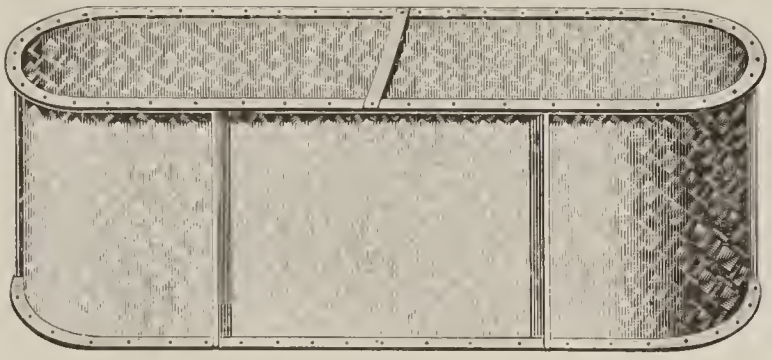


Fig. 928.

Letter No.	Width, Feet	Height, Feet	Length, Feet	Capacity, Gallons	Weight, Pounds	List Price
A	2	2	4	91	74	$ 9.00
B	2	2	5	117	88	10.50
C	2	2	6	144	102	11.50
D	2	2	7	170	121	13.00
E	2	2	8	197	135	14.25
F	2	2	10	250	166	18.00
G	2	2½	8	246	151	15.00
H	2½	2	5	145	93	12.00
I	2½	2	6	178	110	13.00
J	3	2	6	213	134	15.00
K	2½	2	8	245	141	16.00
L	2½	2	10	312	177	19.00
M	3	2	8	295	156	17.00
N	3	2	10	384	185	19.50
O	4	2	8	386	169	18.50
P	4	2	10	496	203	23.00
Q	4	2	12	606	243	29.00
R	4	2	16	826	320	37.50
S	5	2	16	1072	375	40.00
T	6	2	8	550	215	27.50
U	6	2	10	813	262	30.50
V	6	2	16	1218	427	45 00

OBLONG TANKS.
Square Ends.

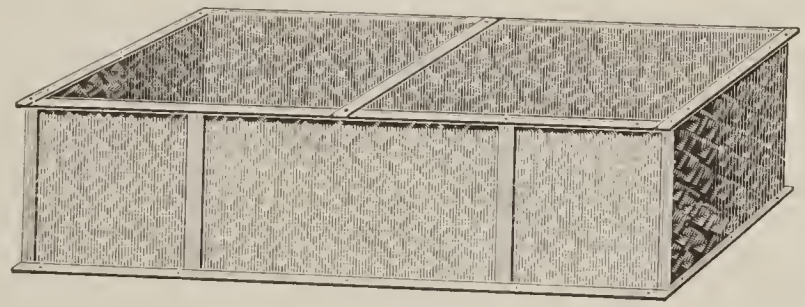


Fig. 927.

Letter No.	Width, Feet	Height, Feet	Length, Feet	Capacity, Gallons	Weight, Pounds	List Price
A	2	2	4	101	91	$ 9.50
B	2	2	5	126	100	10.75
C	2	2	6	152	121	11.75
D	2	2	8	202	150	16.00
E	2½	2	8	262	165	17.50
F	3	2	8	318	178	18.75
G	3	2	10	397	208	22.00
H	4	2	8	424	216	23.00
I	4	2	10	530	255	25.00

Write for discounts.

GALVANIZED HOG AND WATERING TROUGH.

Fig. 932.

These Troughs fill a long felt want. Every farmer must have a watering trough. Why not use one of these Round Bottom Watering Troughs? They will not leak or rust out and have steel trusses to set on and to fasten down ready for use.

These troughs are made of one piece in bottom with steel ends. No cast ends to be broken and your trough crippled, but will stand the roughest usage. Made strong with 1-inch angle around top and a bar strap every 12 inches to keep hogs from pushing along trough.

The above cut shows the way ends are put in and made to fasten down.

Letter No.	Width, Inches.	Height, Inches.	Length, Feet.	Capacity, Gallons.	Weight, Pounds.	List Price.
A	14	7	2	6	20	$3.50
B	14	7	3	9	25	4.00
C	14	7	4	12	30	4.50
D	14	7	6	18	40	5.25
E	14	7	5	15	36	4.65
F	14	7	8	24	50	6.25
G	14	7	10	30	65	7.80

POULTRY TROUGHS.

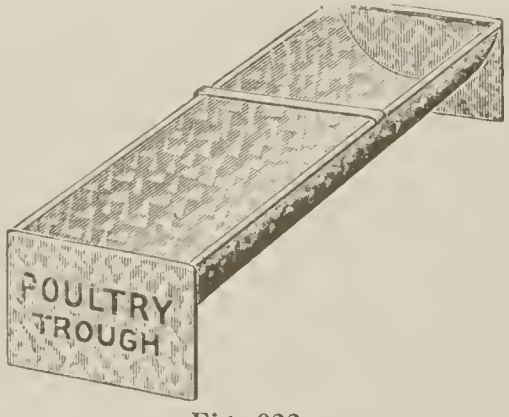


Fig. 933.

Letter No.	Width, Inches	Inside Depth, Inches	Outside Depth, Inches	Length, Inches	List Price
A	4	2	3½	30	$0.75
B	6	3½	3¾	36	.90
C	7	3	4¾	36	1 00

SMALL OBLONG TANKS.

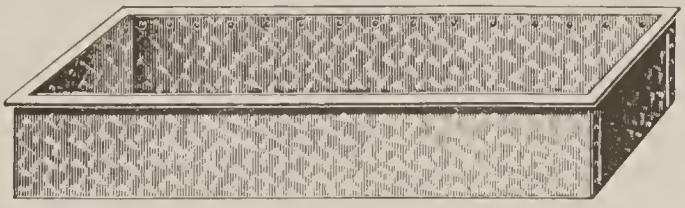


Fig. 931.

Letter No.	Width, Feet	Height, Feet	Length, Feet	Capacity, Gallons	Weight, Pounds	List Price
A	1½	1	4	33	50	$ 6.50
B	1½	1	5	45	60	8.00
C	1½	1	8	70	90	11.00
D	2	1	4	45	55	8.00
E	2	1	5	65	70	9.00
F	2	1	6	70	80	10.00
G	2	1	8	100	100	12.00
H	2	1	10	125	120	14.50
I	2	1½	5	95	80	9.75
J	2	1½	6	105	90	11.00
K	2	1½	8	145	110	13.50
L	2	1½	10	180	140	16.00

ROUND TANKS.

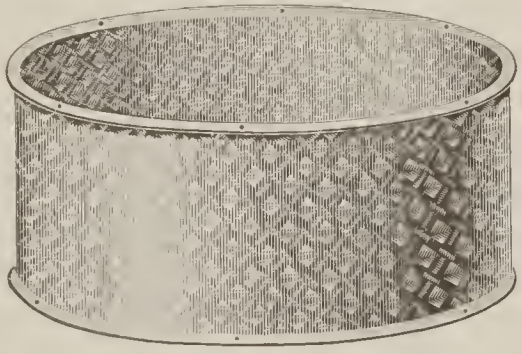


Fig. 926.

Letter No.	Diameter, Feet	Height, Feet	Capacity, Gallons	Weight, Pounds	List Price
A	3	2	91	69	$ 9.00
B	4	2	166	97	11.00
C	4	2½	215	106	12.50
D	4	3	254	115	14.00
E	4	4	338	145	16.50
F	4	5	423	168	19.00
G	4	6	508	191	22.00
H	4	8	688	220	28.00
I	5	2	262	129	14.50
J	5	2½	342	141	16.00
K	5	3	411	154	17.50
L	5	4	548	181	21.00
M	5	5	675	211	25.50
N	5	6	810	240	29.00
O	5	8	1096	285	36.00
P	6	2	384	167	18.50
Q	6	2½	480	184	20.00
R	6	3	583	193	21.50
S	6	4	768	237	26.00
T	6	5	966	256	30.00
U	7	2	486	206	21.50
V	8	2	691	245	28.00
W	8	2½	864	270	30.00

Write for discounts.

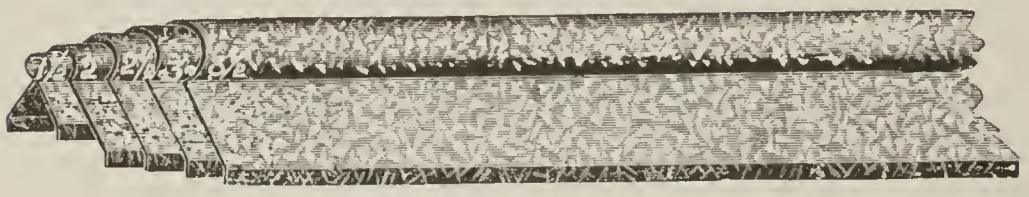


Fig. 88—Shipped in 10-ft. Lengths.

Ridge Roll.

1¼-inch roll.	7-inch girt.	Galvanized steel	14 cents per foot
1½-inch roll.	8-inch girt.	Galvanized steel	16 cents per foot
2 -inch roll.	10-inch girt.	Galvanized steel	20 cents per foot
2½-inch roll.	12-inch girt.	Galvanized steel	24 cents per foot
3 -inch roll.	15-inch girt.	Galvanized steel	30 cents per foot

Fig. 89.

Angle Capping.

3 -inch apron.	Galvanized steel	12 cents per foot
3½-inch apron.	Galvanized steel	14 cents per foot
4 -inch apron.	Galvanized steel	16 cents per foot

Ornamental Ridging.

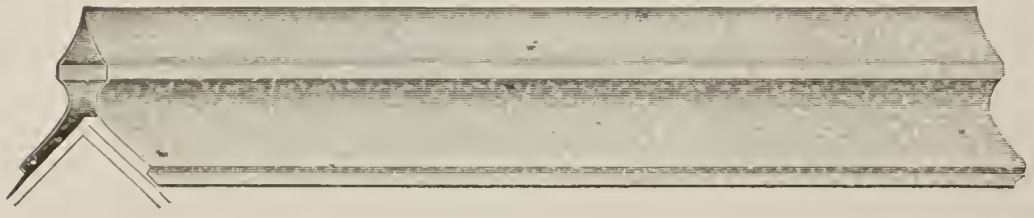


Fig. 480.

Size	Apron	Girt		Price
6	3	15	Galvanized steel	30 cents per foot
8	4	20	Galvanized steel	40 cents per foot
10	5	24	Galvanized steel	78 cents per foot

Diamond Ridging.

Fig. 90.

Size	Apron	Girt		Price
1½-inch	2 -inch	8-inch	Galvanized steel	16 cents per foot
2 -inch	2½-inch	10-inch	Galvanized steel	20 cents per foot
2½-inch	3 -inch	12-inch	Galvanized steel	24 cents per foot
3 -inch	3½-inch	14-inch	Galvanized steel	28 cents per foot

THE M. E. ORNAMENTAL CRESTING.

This cresting is ornamental, durable and inexpensive. The following illustrations show a variety of designs, varying in height from 8 to 14 inches. Each design is made in three sizes. The finials shown are six inches higher than the cresting. All styles crestings are made in 10-foot lengths and packed 250 feet in a crate, including 10 scroll finials. A hammer and nails are all that is required to erect this cresting, no soldering being necessary.

Price of Cresting.

8 inches high.....30 cents per foot
10 inches high.....40 cents per foot
12 inches high.....45 cents per foot
14 inches high.....50 cents per foot

Discounts on application.

Price includes 10 finals with each crate containing 250 lineal feet. For Gable, Hip and Ridge Finials, see page 138, all of which can be used in connection with our M. E. Cresting.

Deck Cresting shown on page 113.

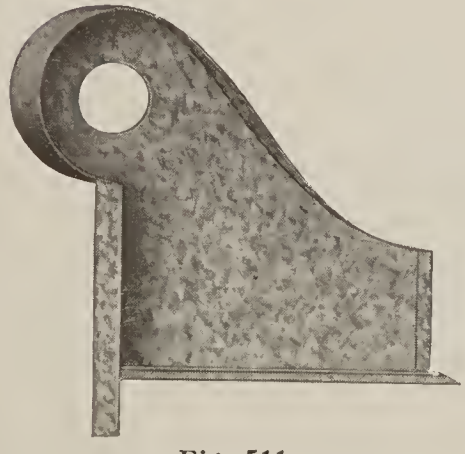


Fig. 511.
M. E. Scroll Finial.

10 Fig. 11 Finials free with 250 feet of Cresting.

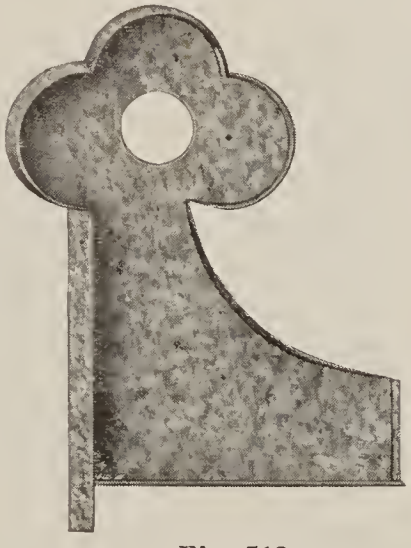


Fig. 512.
M. E. Cresting Finial.

14 inches high.....50 cents each
16 inches high.....60 cents each
18 inches high.....70 cents each
20 inches high.....80 cents each

Discounts on application.

COMBINATION CRESTING AND RIDGING.

Fig. 483 Cresting. Height, 10, 12 and 14 inches.

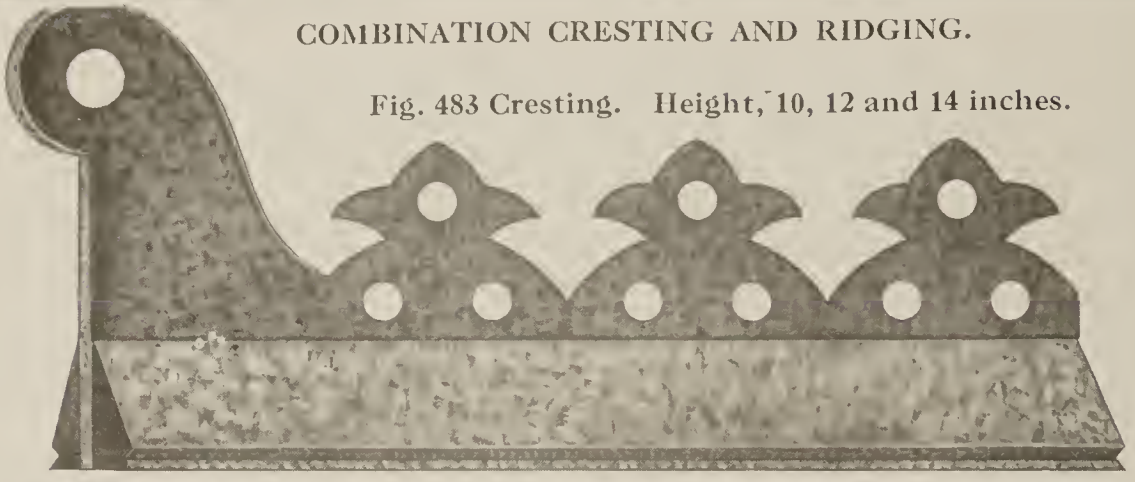


Fig. 484 Cresting. Height, 10, 12 and 14 inches.

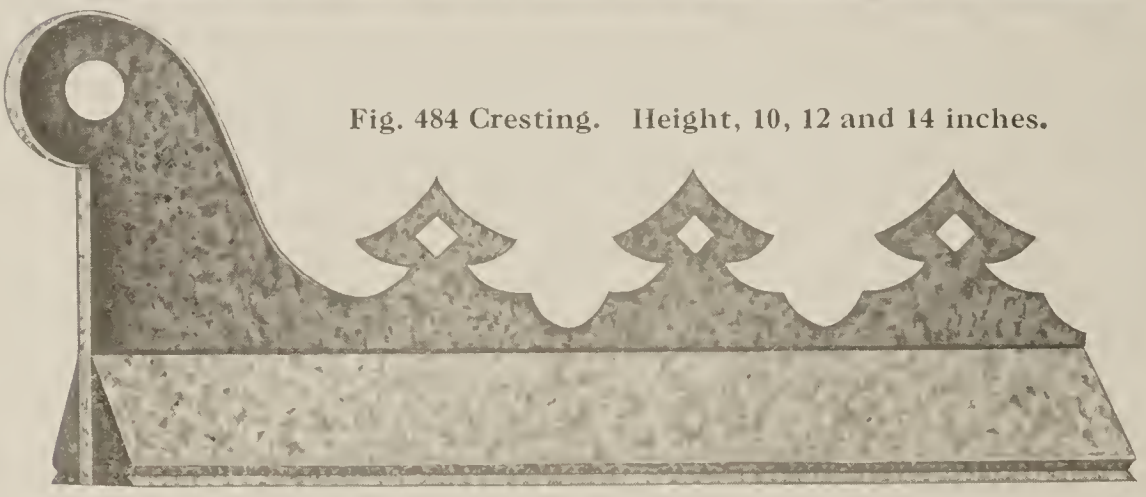


Fig. 485 Cresting. Height. 8, 10 and 12 inches.

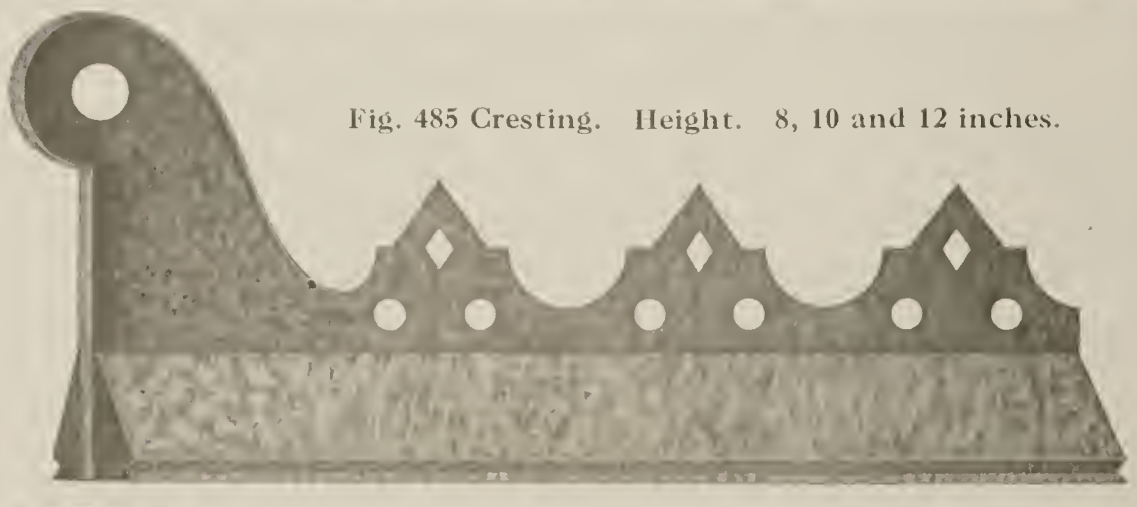
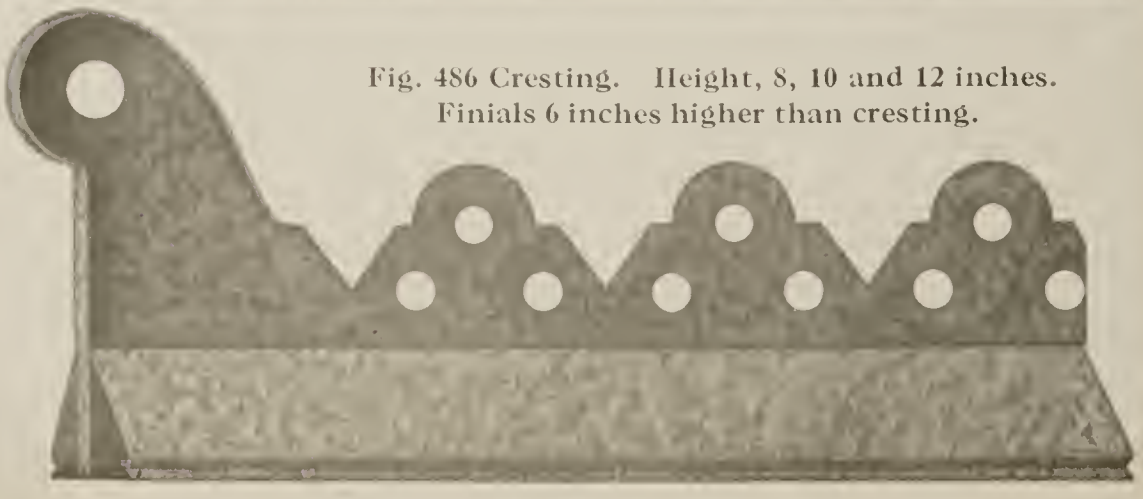


Fig. 486 Cresting. Height, 8, 10 and 12 inches.
Finials 6 inches higher than cresting.



COMBINATION CRESTING AND RIDGING.

Fig. 487 Cresting. Height, 10, 12 and 14 inches.

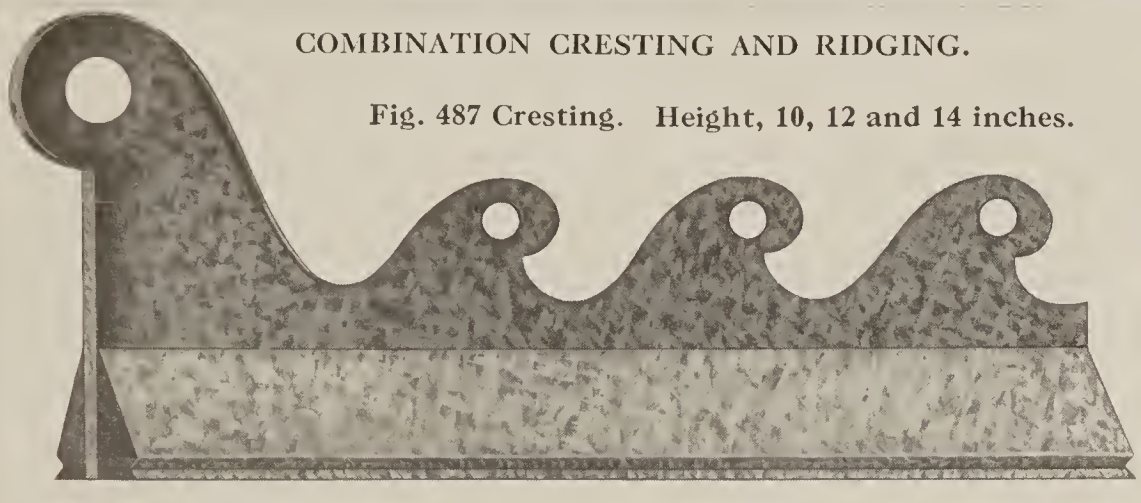


Fig. 488 Cresting. Height, 10, 12 and 14 inches.

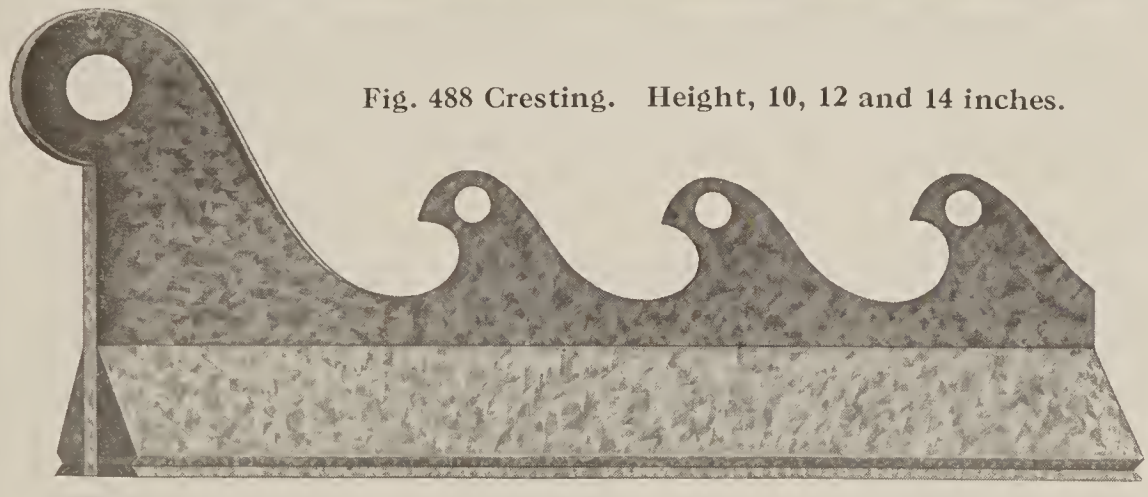


Fig. 489 Cresting. Height, 10, 12 and 14 inches.

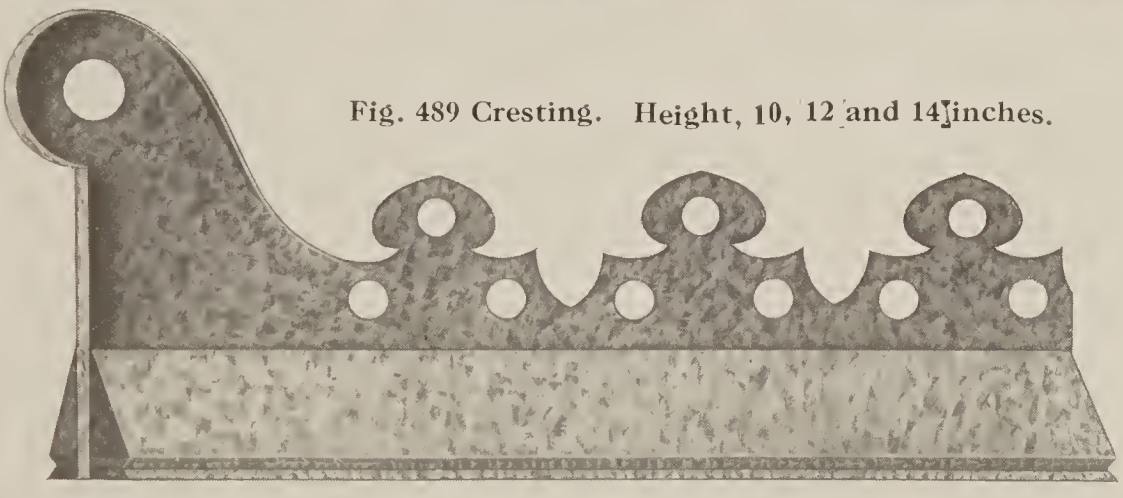
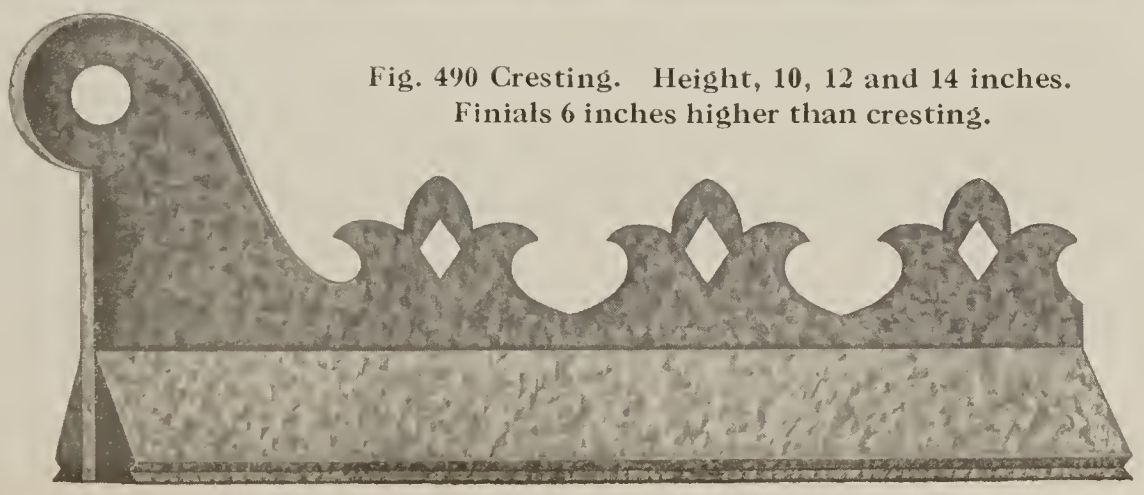


Fig. 490 Cresting. Height, 10, 12 and 14 inches.
Finials 6 inches higher than cresting.



ORNAMENTAL RIDGE CRESTING AND FINIALS.

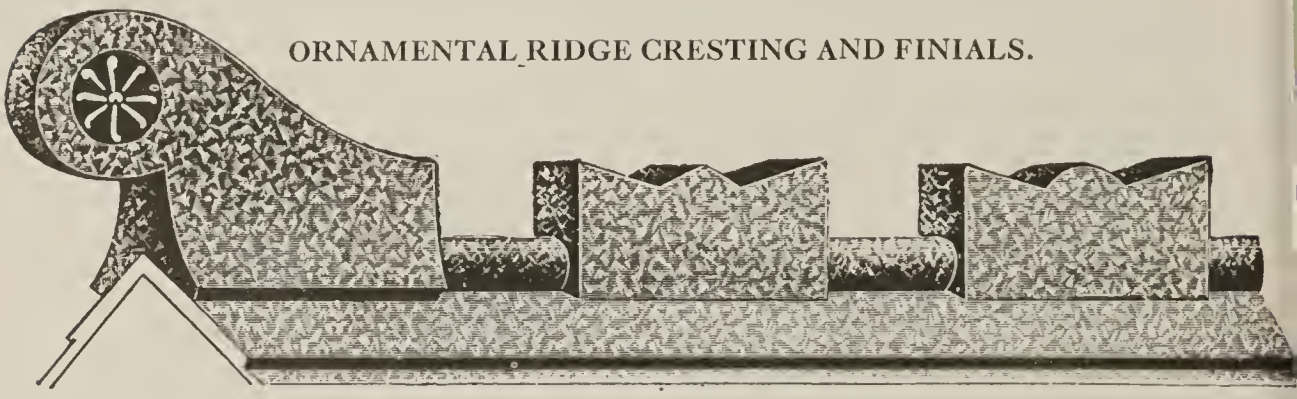


Fig. 503.

Cresting, 7 inches high; width of Apron, 3 inches. . . . . Price, 30 cents per foot.
Finial, 10½ inches high. . . . . Price, $1.25 each.

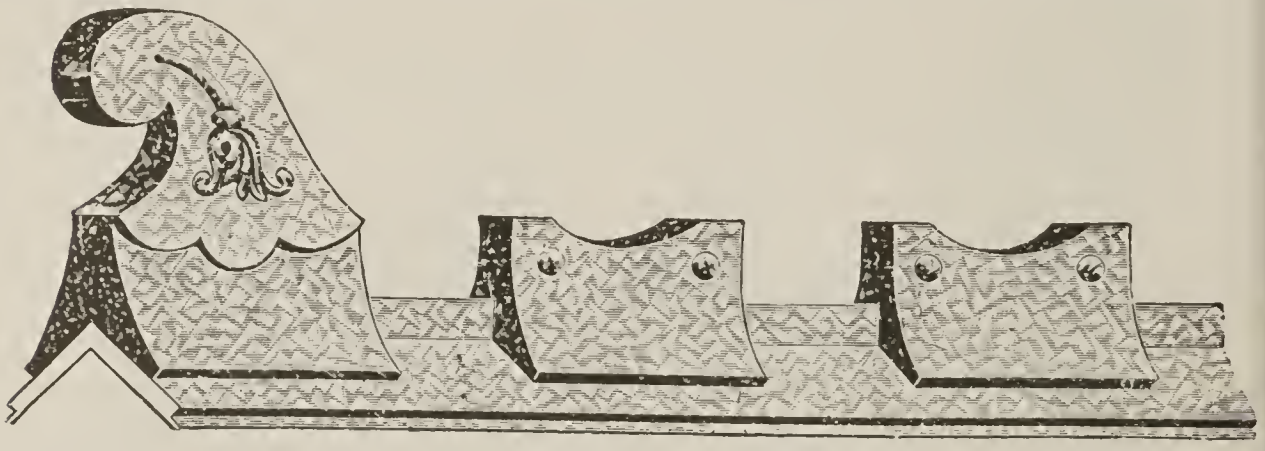


Fig. 504.

Cresting, 10½ inches high; width of apron, 6 inches. . . . . Price, 55 cents per foot.
Finial, 18 inches high. . . . . Price, $2.55 each.

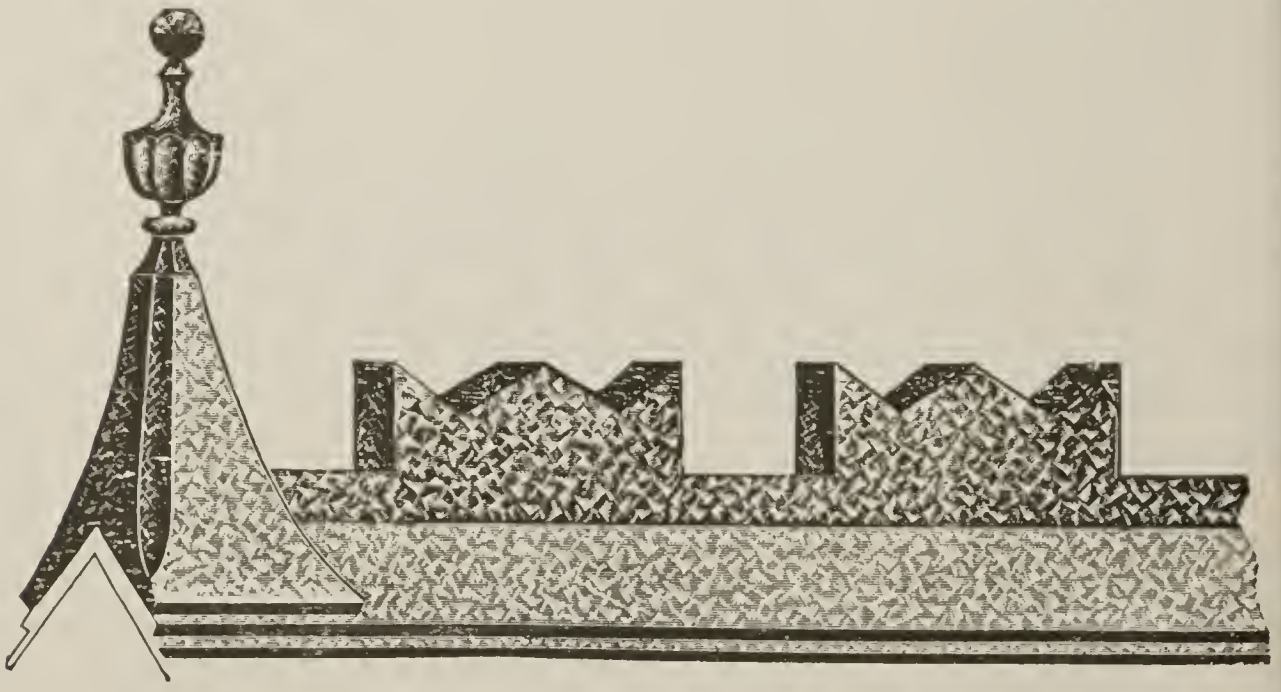


Fig. 505.

Cresting, 11 inches high; width of Apron, 6 inches. . . . . Price, 48 cents per foot.
Finial, 25 inches high. . . . . Price, $2.40 each.

ORNAMENTAL RIDGE CRESTING AND FINIALS.

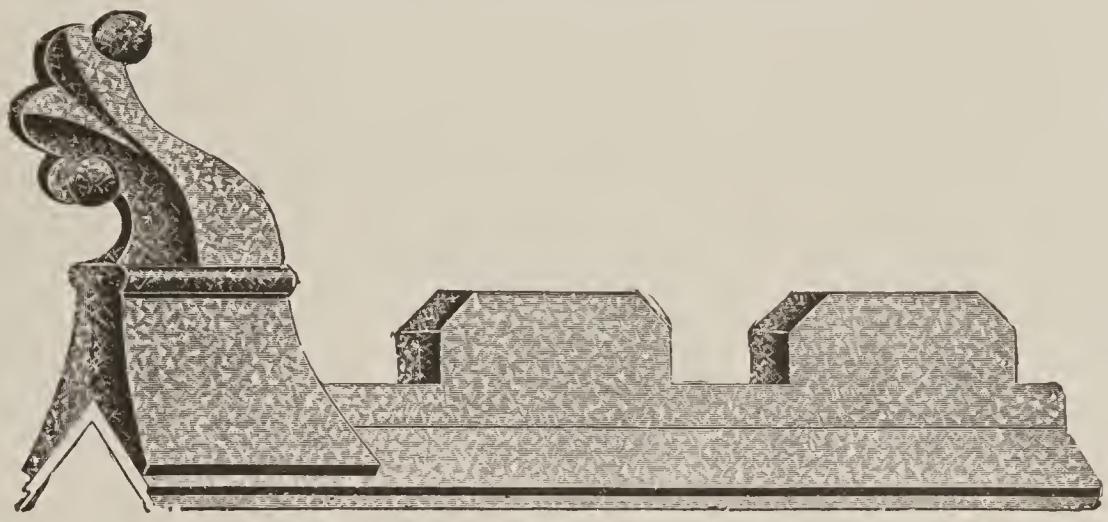


Fig. 478.

Cresting, 11 inches high; apron 6 inches.....Price, 44 cents per foot.
Finial, 22 inches high.....Price, $2.00 each.

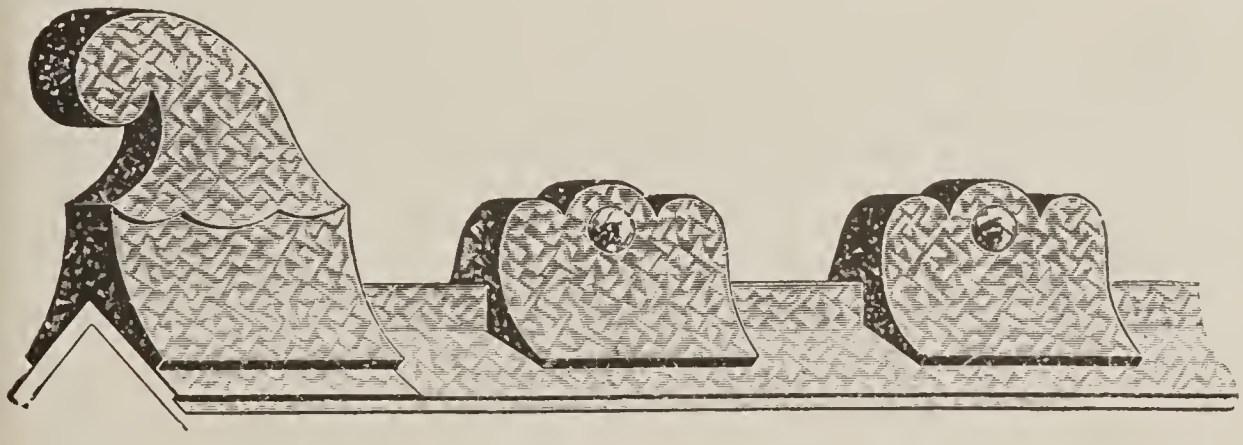


Fig. 479.

Cresting, 11 inches high; apron 6 inches.....Price, 70 cents per foot.
Finial, 22 inches high.....Price, $2.00 each.

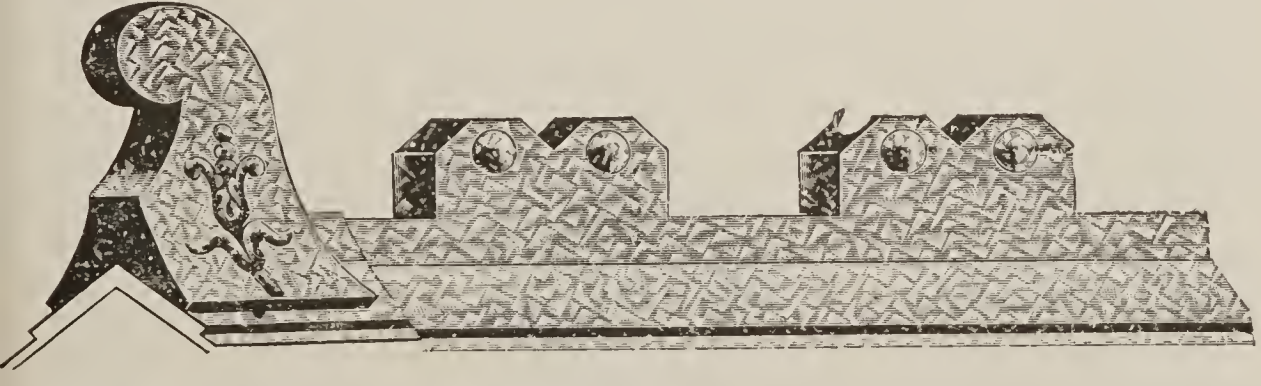


Fig. 481.

Cresting, 10 inches high; apron, 6 inches.....Price, 45 cents per foot.
Finial, 15 inches high.....Price, $1.75 each.

GALVANIZED CRESTING BLOCKS.

These cresting blocks are made of galvanized iron to fit 2-inch ridge roll. Size of block, 8 inches long by 5 inches high above top of roll.

Fig. 494—38 cents each.

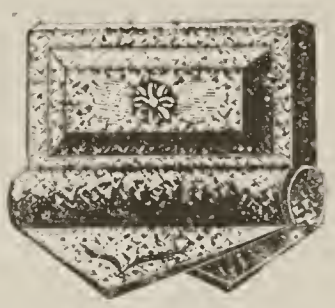


Fig. 495—33 cents each.

Fig. 496—33 cents each.

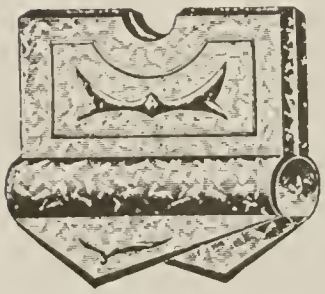


Fig. 497—33 cents each.

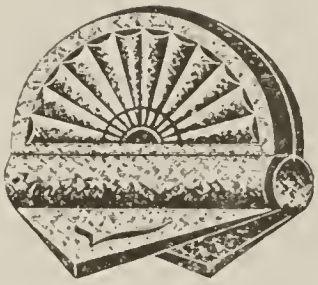


Fig. 498—35 cents each.

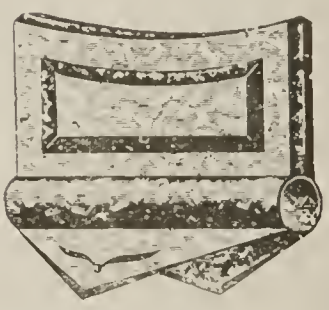


Fig. 499—33 cents each

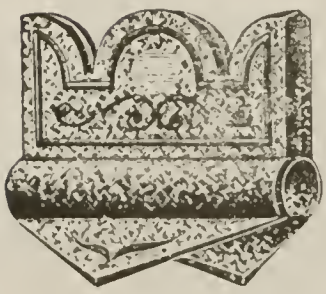


Fig. 500—33 cents each.

Fig. 501—35 cents each.

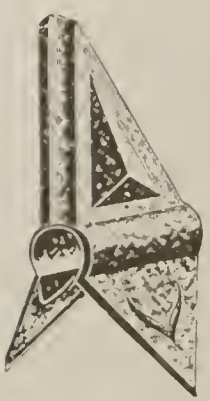


Fig. 502—12 cents each.

Discount on application

GALVANIZED DECK CRESTINGS.

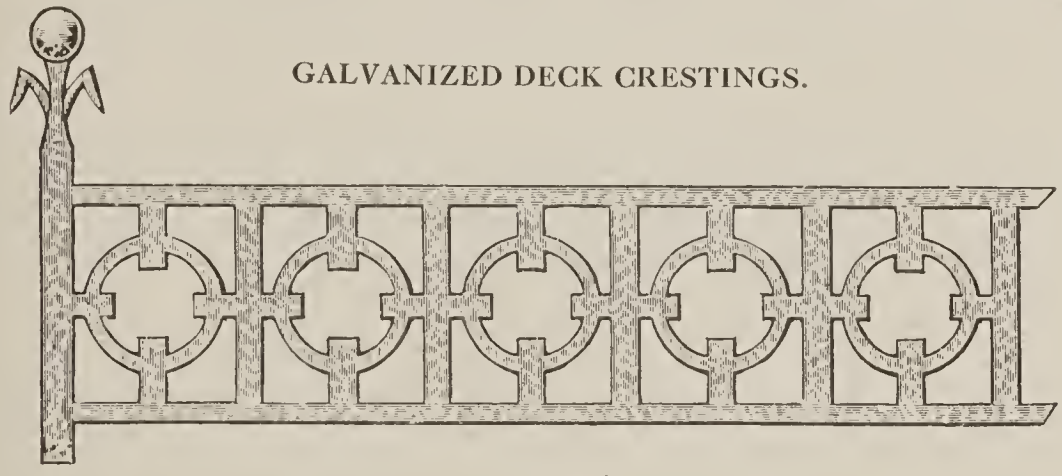


Fig. 506.

Corner posts, 24 to 30 inches. Cresting, 18 to 24 inches.
Posts, each, $1.50. Cresting, per foot, $1.00

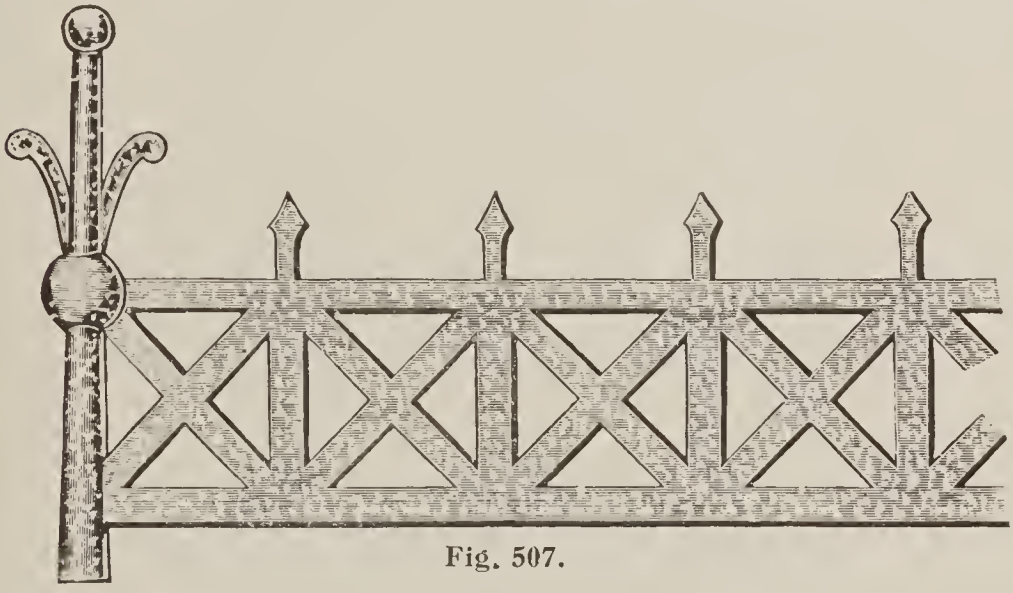


Fig. 507.

Corner posts, 24 to 30 inches. Cresting, 18 to 24 inches.
Posts, each, $1.50. Cresting, per foot, 75c

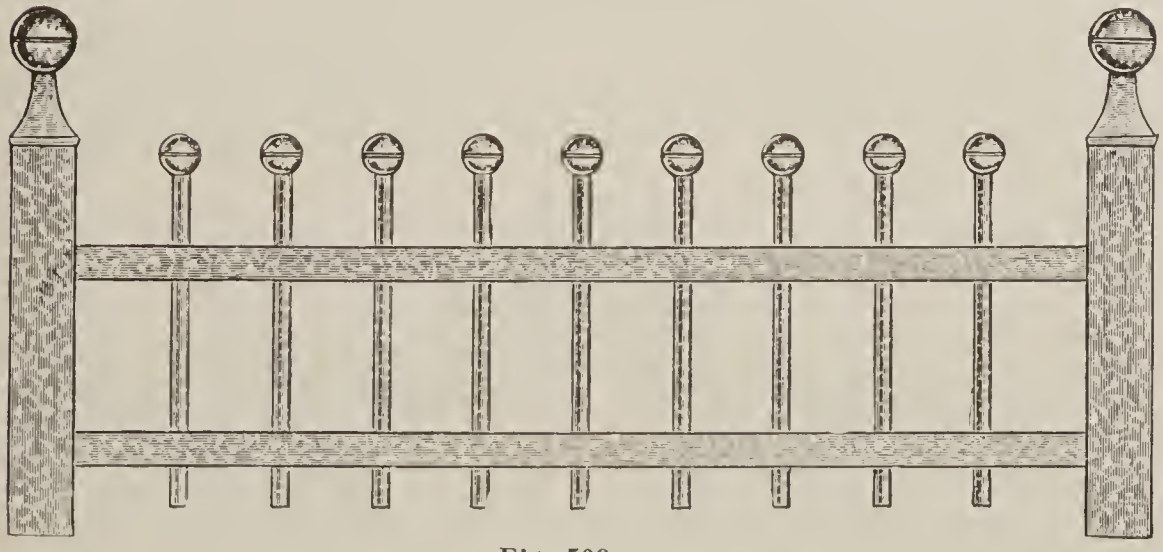


Fig. 509.

Corner posts, 24 to 30 inches. Cresting, 18 to 24 inches.
Posts, each, $1.50. Cresting, per foot, 60c

GALVANIZED WINDOW AND DOOR CAPS.

Also Made From Copper.

To complete the architectural effect on your building it will be necessary to use caps for both windows and doors. The following designs are suitable for all kinds of brick, stone and cement structures and are essential for a complete finish when buildings are covered with our imitation brick, stone, shingle and weatherboard siding. The square head Window and Door Caps, as illustrated, can be changed to segment heads. All corbels are 4 inches wide unless ordered otherwise.

Directions for Ordering Window and Door Caps.

For circular Window and Door Caps give radius on inside of brick work. Also state width of opening between brick work in inches and give the distance the frame is recessed from the face of wall. State if Caps are to be built in brick work or put on buildings already erected, as a difference in construction of Cap is necessary. The latter is furnished when not otherwise specified. All caps and sills are made the width of openings specified, which allows an extension of 6 inches on each side of opening; also to project 1½ inches from wall line.

Special designs made to order

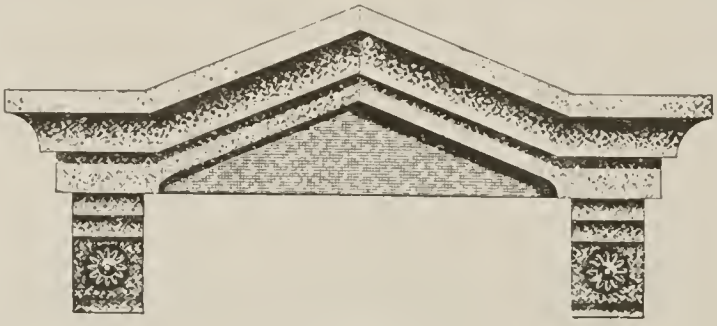


Fig. 901.

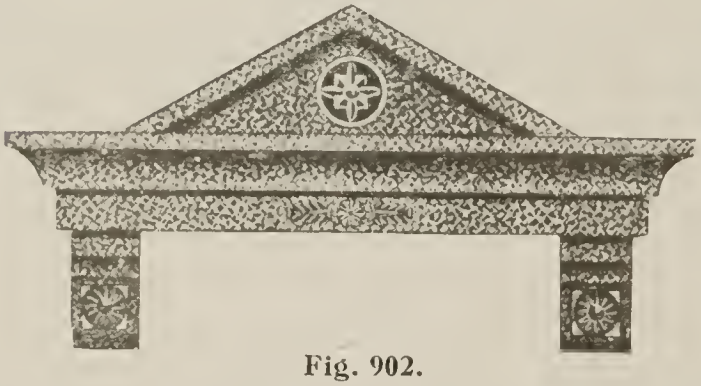


Fig. 902.

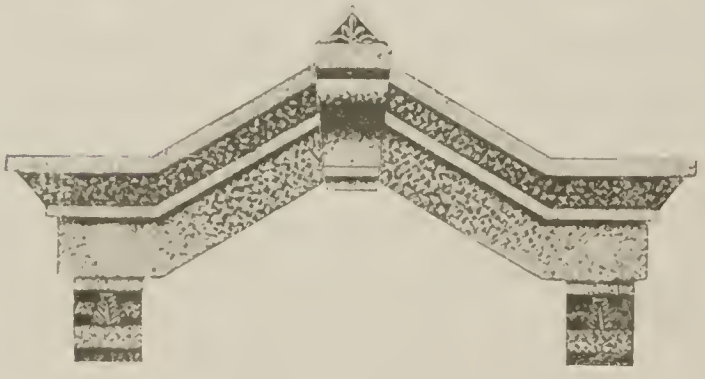


Fig. 903.

Prices on application, stating requirements and dimensions.

GALVANIZED WINDOW AND DOOR CAPS.

Fig. 904.

Fig. 905.

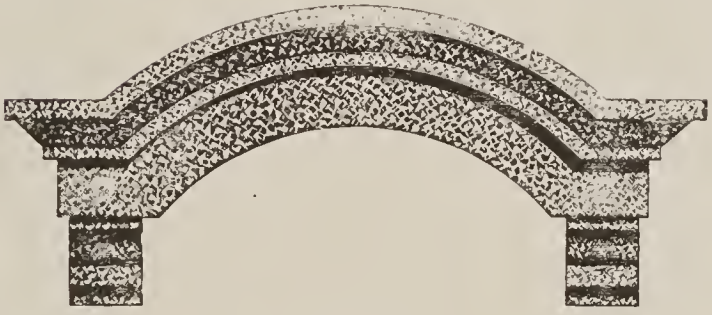


Fig. 906.

Fig. 907.

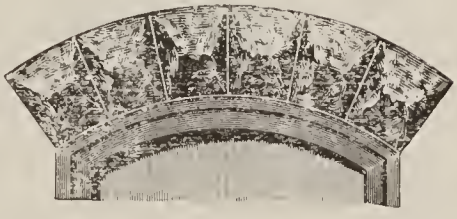


Fig. 908.

Fig. 909.

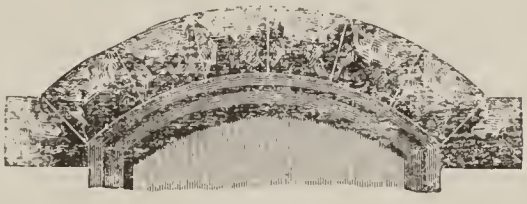


Fig. 910.

Prices on application, stating requirements.

METAL COLUMNS.

For Porches, Pergolas and Interiors.

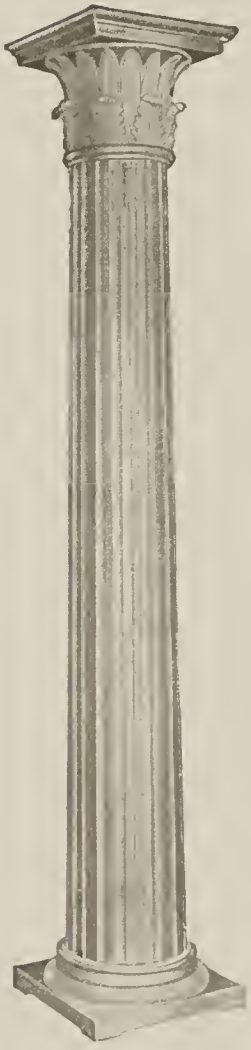


Fig. 853.

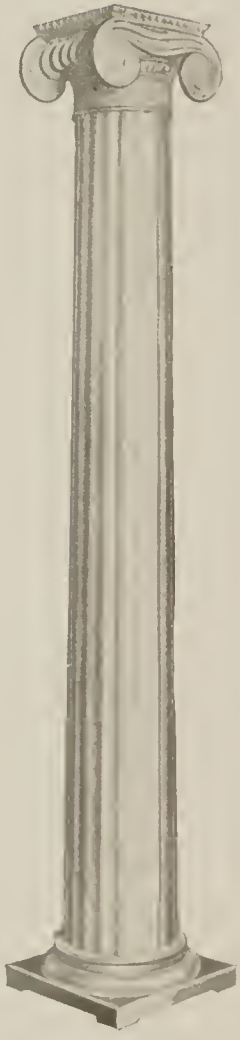


Fig. 854.

Stock Sizes.

DIAMETER AT BASE OF SHAFT	DIAMETER AT NECK	SIZES OF SQUARE BASE	LENGTH OVER ALL
8 in.	6 in.	11¼ in. sq.	Any length up to 11 feet
10 in.	8 in.	13½ in .sq.	Any length up to 11 feet
12 in.	10 in.	15¼ in. sq.	Any length up to 11 feet
14 in.	12 in.	18 in. sq.	Any length up to 11 feet

Metal Columns are made in all sizes up to 40 inches in diameter and a maximum length of 35 feet.

Half round columns, three-quarter columns, square pilasters and corner pilasters manufactured in all sizes. All bases are cast iron.

Prices on application, stating requirements.

METAL COLUMNS.

For Porches, Pergolas and Interiors.

Highly ornamental, not affected by the weather, stronger and cheaper than wood.

Fig. 851.

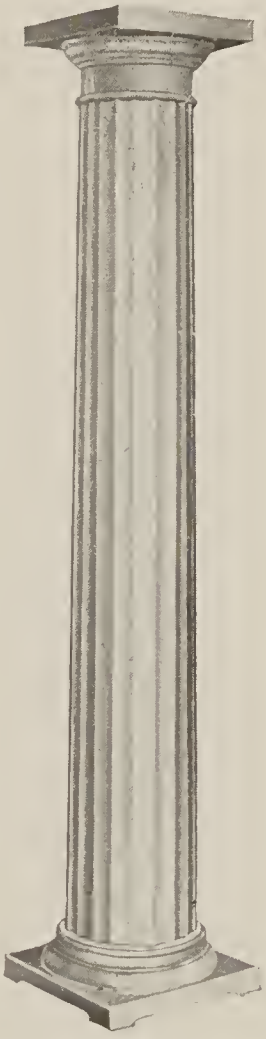


Fig. 852.

Stock Sizes.

DIAMETER AT BASE OF SHAFT	DIAMETER AT NECK	SIZES OF SQUARE BASE	LENGTH OVER ALL
8 in.	6 in.	11¼ in. sq.	Any length up to 11 feet
10 in.	8 in.	13½ in. sq.	Any length up to 11 feet
12 in.	10 in.	15¼ in. sq.	Any length up to 11 feet
14 in.	12 in.	18 in. sq.	Any length up to 11 feet

Metal Columns are made in all sizes up to 40 inches in diameter and a maximum length of 35 feet.

Half round columns, three-quarter columns, square pilasters and corner pilasters, manufactured in all sizes.

All bases are cast iron.

Prices on application, stating requirements.

BARN VENTILATORS.

Made of No. 26, 24 and 22 Galvanized Sheets.

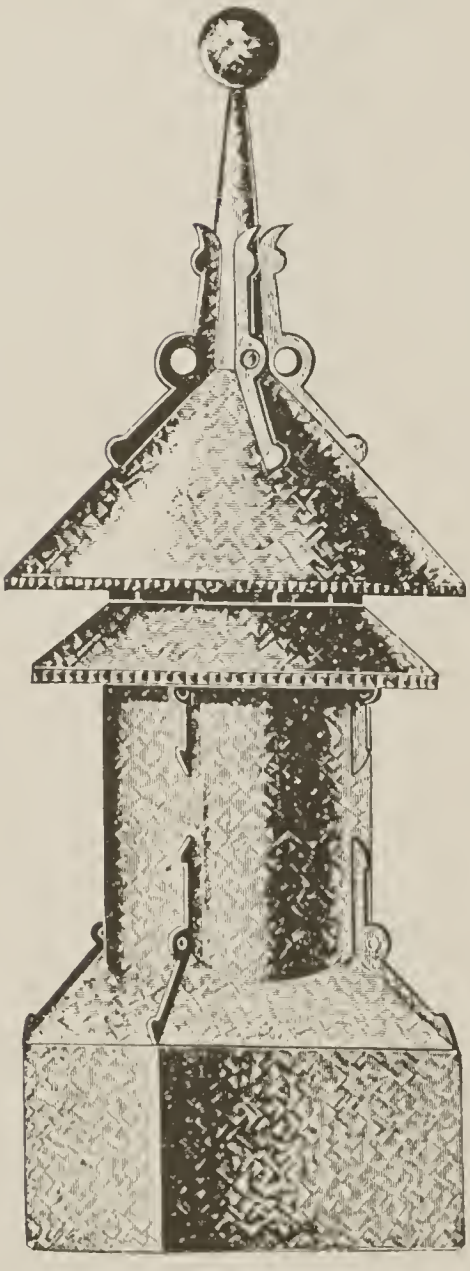


Fig. 726.

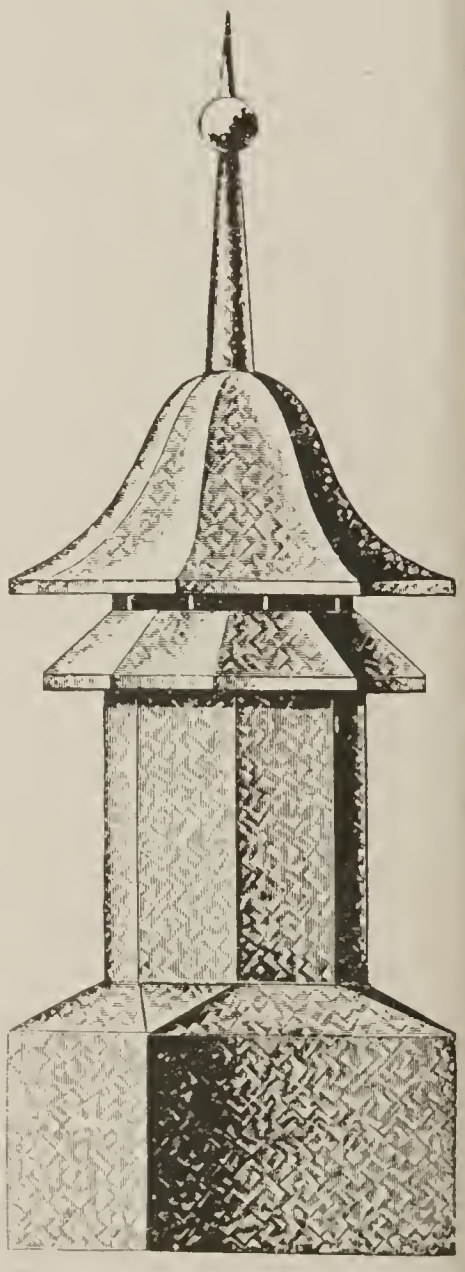


Fig. 727.

Price List.

Size A, 18-inch Base, 12-inch Drum,	5	feet high	$32.00
Size B, 22-inch Base, 15-inch Drum,	6½	feet high	36.00
Size C, 28-inch Base, 21-inch Drum,	8½	feet high	38.00
Size D, 35-inch Base, 29-inch Drum,	11	feet high	42.00

Write for discounts.

BARN VENTILATORS.

Made of Nos. 26, 24 and 22 Galvanized Steel.

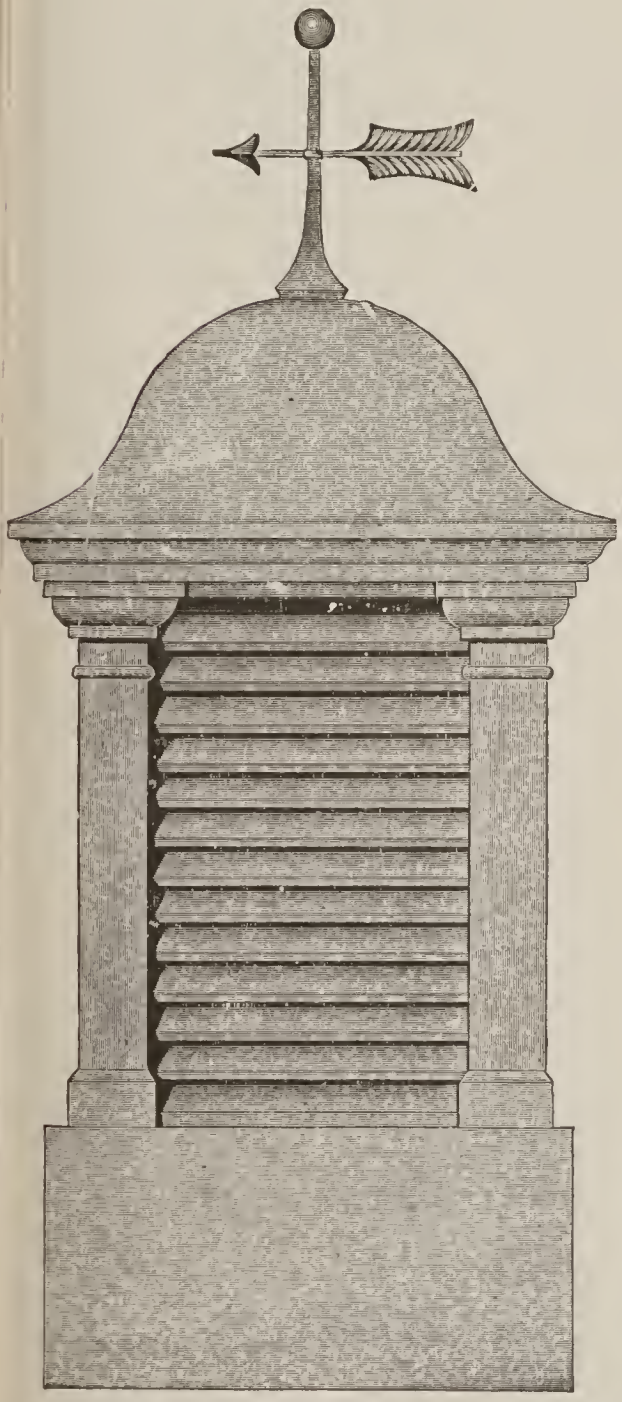


Fig. 728.

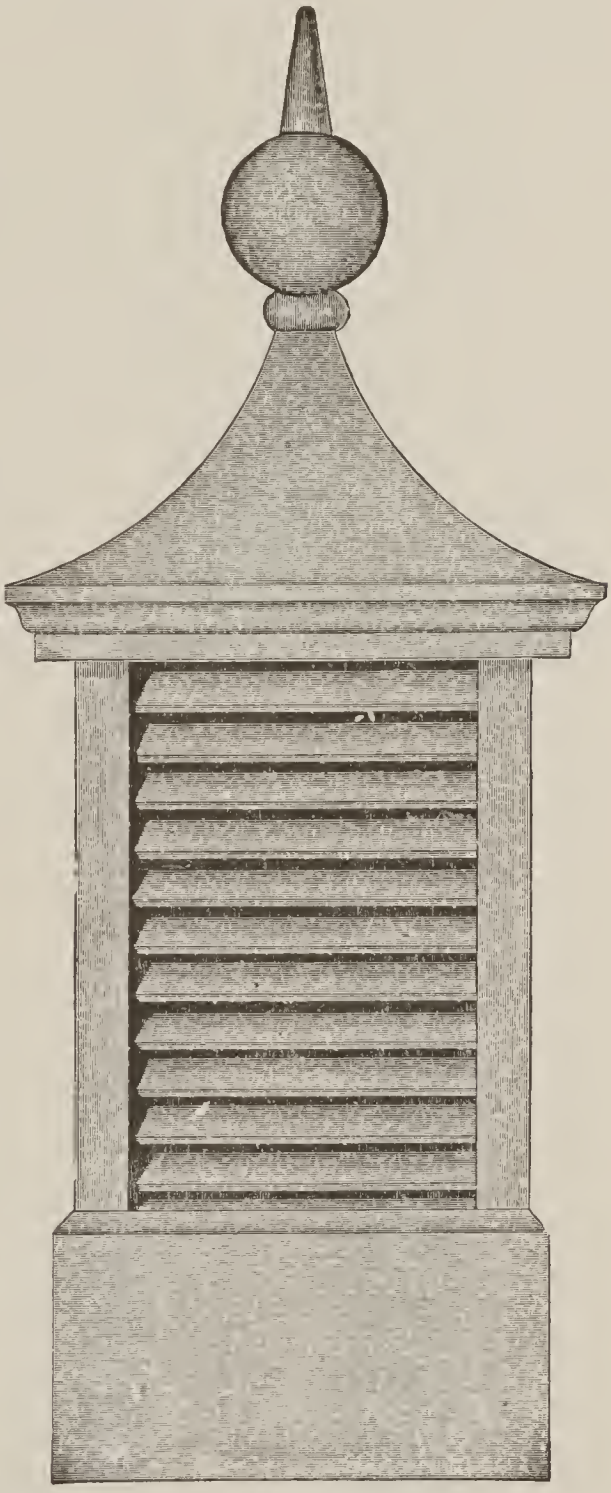


Fig. 729.

SQUARE LOUVRE VENTILATORS.

Price List.

Size A	18-inch Base, 5 feet high	$42.00
Size B	24-inch Base, 6½ feet high	52 00
Size C	28-inch Base, 8 feet high	56.00
Size D	36-inch Base, 10 feet high	62.00

Write for Discounts.

LOW PRICE VENTILATORS.

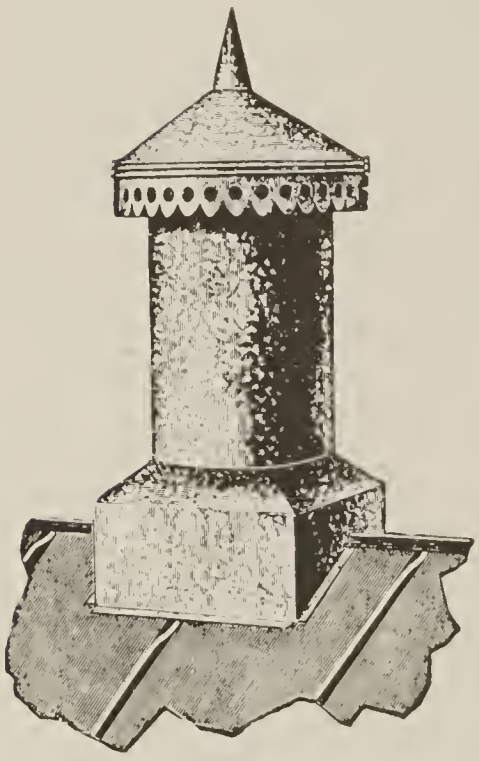


Fig. 753.

Prices on Application.

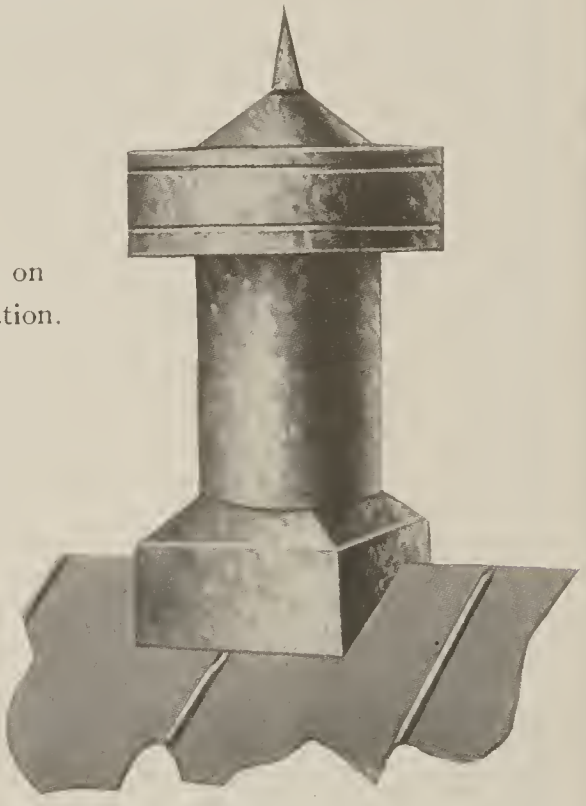


Fig. 754.

Made from No. 20, 22, 24 and 26 gauge galvanized sheets. Shipped complete with base unless otherwise ordered. See page 126 for other style bases.

Fig. 755.

CHIMNEY TOPS.

Price List.

Including Top, Drum and Base.

Base	Drum	Price
14 inches square	8	$ 4.50
16 inches square	10	5.00
18 inches square	12	6.00
20 inches square	16	7.00
22 inches square	16	8.00
24 inches square	18	10.00
26 inches square	20	13.00
30 inches square	24	18.00
36 inches square	28	24.00
40 inches square	30	28.00

Chimney Cap and Pipe made any size gauge or height.

List prices are for Tops made five to seven feet high.

Discount on application.

CAPS AND FLANGES.

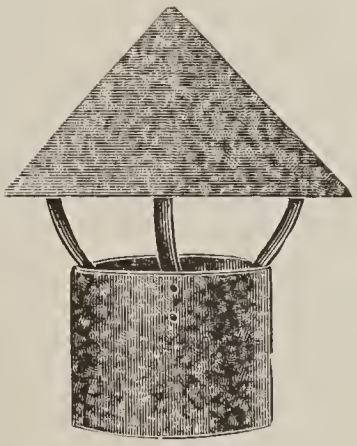


Fig. 736.

Stove Pipe Cap or Roof Ventilator, made any size, gauge or height.

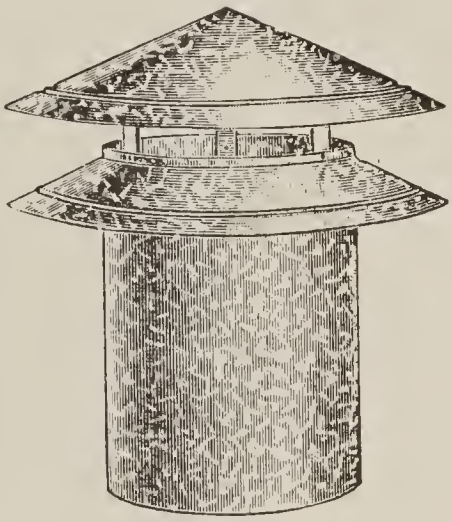


Fig. 737.

Pipe Cap or Roof Ventilator, made any size, gauge or height.

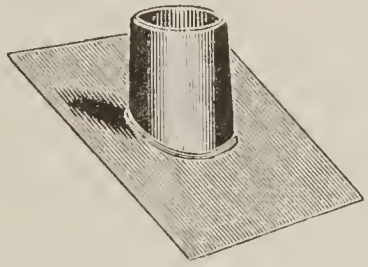


Fig. 738.

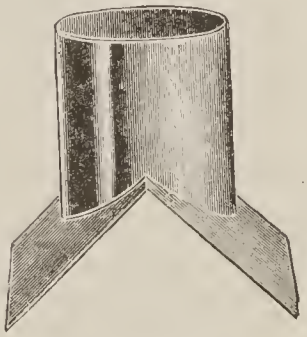


Fig. 739.

Roof Flanges or Rain Proofs. Tin or galvanized. Sizes, 5, 5½, 6 and 7 inches.

LOUVRE VENTILATORS.

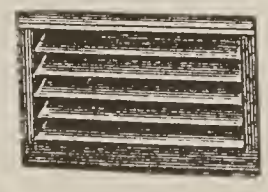


Fig. 740.

Made to fit any size opening, either stationary or movable.

Prices on application.

COVINGTON VENTILATOR.

Why they exhaust more air than any other ventilator made.

Fig. 730—Style A.

The "Covington" is a ventilator scientifically and most substantially constructed; is effective in deflecting downward currents of air and rain without materially interferring with the free egress of air from the interior, is always effective when the wind blows and will not choke in a calm. This is most important.

Edgewise braces are used to hold the several parts of the ventilator together very rigid, firm and secure in their proper relative positions, thus adding strength and preventing deformation and sagging and insuring uniformity and symmetry of construction. These braces do not obstruct the outlet of air.

The "Covington" has an arrangement of two cones that will keep out storms and provide the best outlet of air or smoke, as described in the following paragraphs.

The diameter of the upper cone is sufficiently greater than the diameter of the lower cone and insures the rain and snow falling thereon being deflected outside of the neck of the ventilator.

The lower cone is a valuable part of our device, **deflecting the upward current of air quickly from the body of the ventilator.** It does not produce choking eddies or counter-currents and offers the least resistance, as noted.

This cone, as hereinbefore described, divides the air and affords the best and quickest route of exit. This is a combined scientific storm-proof ventilator with edgewise braces and always gives perfect satisfaction.

Price list on page 125.

COVINGTON VENTILATOR.

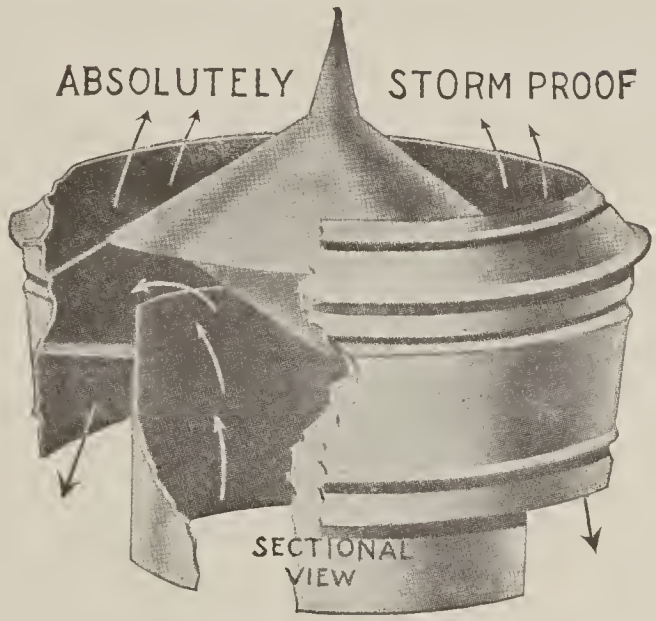
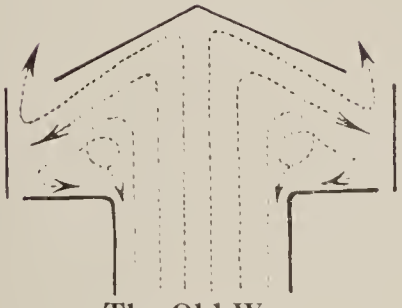


Fig. 731—Style A.



The Old Way.
Fig. 732.

The "Covington" Way.
Fig. 733.

An upward draught is always obtained by the peculiar and substantial construction of the outside frustrum or deflector, as from whatever way the wind may blow, the air impinging against the frustrum induces an exhaust current of air from the body of the ventilator and building.

The usual style of ventilator is constructed with only a cheap vertical or single cone, the deflector thus making a very bad route of exit which does not allow the free exhaust of air.

The "Covington" has the greatest area of discharge of any ventilator made, as a comparison with the other makes of ventilators will show. Therefore a less number are required to properly ventilate a building.

Our aim is how few, not how many, ventilators can be used in a building.

We would be glad to tell you more about them if you will drop us a line.

Strength and Rigidity.

Plenty of metal is used, so distributed as to give ample strength at all points. The problem of ventilation is not satisfactorily solved by providing only for admission of fresh air into a building or room. The foul air must be taken care of and drawn off. The "Covington" Ventilator is the best automatic ventilator on the market for this purpose.

Price list on page 125.

VENTILATOR

With Automatic Closing Device.

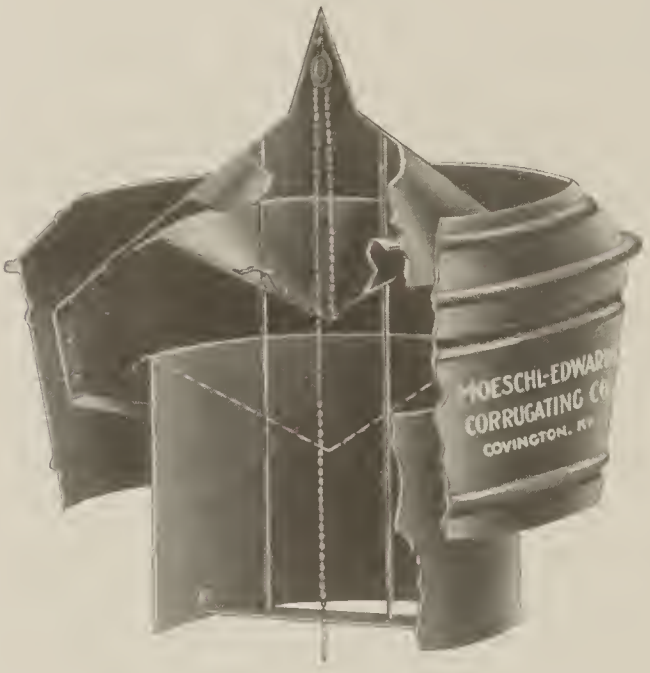


Fig. 734. Style B.

By the use of our AUTOMATIC CLOSING DEVICE the temperature of the room can be easily and accurately regulated.

There are no flat surfaces on which dust or refuse of any kind can collect and be shaken off into the room below, as is done where the ordinary old style damper is used.

The Closing Device has a vertical motion only and is not affected by the air currents and requires no **attention whatever,** except when it is desired to regulate the temperature of the room, when it can be secured at any point desired, giving full control of the amount of ventilation. The ventilators are so constructed that back draft so common in other makes is **absolutely** impossible.

Each ventilator up to 24-inch inclusive is supplied with three feet of chain; larger sizes, five feet; thus allowing sufficient to reach to the base. We also furnish a **fusible link** with each one; this link should be located at a point in the operating chain which fire or extreme heat would reach the earliest, thereby causing it to fuse and allow the Self-Closing Device to act and shut-off all draft, thus retarding the fire.

OUR CLAIMS.

FIRST—Ventilating properties; the lower cone divides the upward air currents, deflecting them outwardly from the body of the ventilator, an upward draught being constantly maintained by the construction of the deflector, so that, from whatever direction the wind blows it produces an exhaust current of air from the body of the ventilator and building.

SECOND—Greater ventilating capacity.

THIRD—Heavier materials and superior construction.

FOURTH—Automatic self-closing device; our closing device is so constructed as to give perfect control of the ventilation at all times, it being possible to entirely shut off all draught, when desired. We use not flat damper on which dust and dirt can collect, to be precipitated into space below when damper is opened. **In the event of fire, the fusible link,** which is furnished **with each ventilator** of this type, will act and the ventilator **will close automatically, shutting off all draught,** which, with **other types,** can only be done by operating the chain, which is **not always possible** to do when **most necessary.**

FIFTH—We have no springs to become weak and no mechanism to get out of order.

SIXTH—The two guides prevent the cone from twisting or revolving and can never get out of order. The chain cannot become tangled or get out of place.

Price List on page 125.

VENTILATOR—With Glass Top.

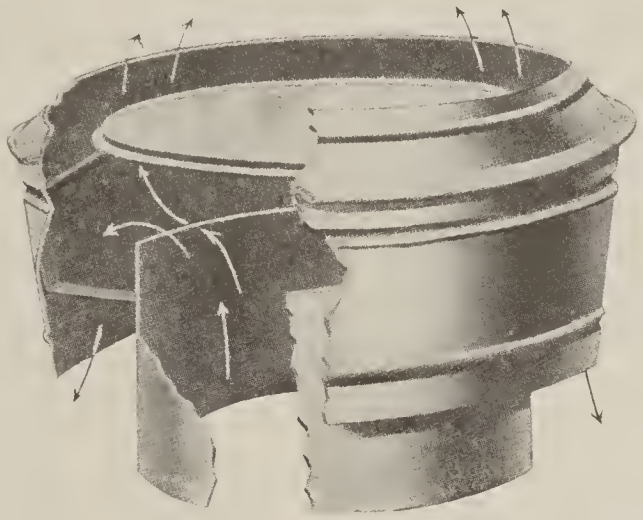


Fig. 735—Style C.

The "Covington" Ventilators are also made with glass top, which for a limited area, fill all the requirements of a ventilator and skylight as well.

Standard Price List of All Styles of Galvanized Ventilators.

We give below the area in **square inches,** also price list of the various sizes we manufacture—neck measure (which is the basis of all sizes).

Styles B and C Ventilators not made smaller than 12-inch.

SIZE at Neck	AREA Square Inches	GAUGE	HEIGHT Lin. In. Over All	SIZE Lin. In. Outside Diameter	WEIGHT in Crates	PRICE Made From Galvanized Sheets	PRICE Made From Cold Rolled Copper
6	28	26	7	10	12	$ 2.50	$ 8.50
7	38	26	8	11	13	2.75	9.25
8	50	26	10	13	14	3.00	10.00
9	63	26	11	15	15	3.25	10.75
10	78	24	12	16	16	3.50	11.50
12	113	24	14	19	20	3.75	13.75
14	153	24	17	22	24	4.00	16.00
15	176	24	18	24	30	4.50	19.50
16	201	24	19	25	35	5.00	22.50
18	254	24	21	29	40	6.50	26.50
20	314	24	24	32	50	8.00	33.00
22	380	22	26	35	60	9.50	39.50
24	452	22	29	38	75	11.50	49.00
26	530	22	31	42	90	13.50	58.50
28	615	22	33	45	100	15.50	65.50
30	706	20	36	48	115	18.00	75.00
32	804	20	38	51	135	20.50	88.00
34	907	20	41	54	150	23.00	98.00
36	1017	20	43	57	165	26.00	108.00
38	1134	18—20	45	61	190	29.00	124.00
40	1256	18—20	48	64	210	32.00	137.00
42	1385	18—20	50	67	230	35.00	150.00
44	1520	18—20	53	70	250	38.00	163.00
46	1661	18—20	55	73	275	42.00	180.00
48	1809	18—20	57	77	300	46.00	196.00
50	1963	18—20	60	80	325	50.00	212.00
54	2290	18—20	65	86	375	58.00	245.00
56	2463	18	67	90	410	62.00	267.00
60	2827	18	72	96	470	72.00	307.00
64	3216	18	77	102	530	82.00	350.00
68	3631	18	82	109	600	92.00	392.00
72	4071	18	86	115	670	104.00	440.00
76	4536	18	91	121	750	115.00	490.00
80	5026	18	96	128	830	128.00	540.00
84	5541	18	101	134	920	140.00	600.00
88	6082	18	106	141	1000	154.00	650.00
96	7238	16—18	115	154	1200	184.00	784.00
102	8171	16—18	122	163	1350	208.00	880.00
108	9160	16—18	129	173	1500	232.00	980.00
114	10207	16—18	136	182	1700	260.00	1,100.00
120	11309	16—18	144	192	1850	288.00	1,200.00

Bases are extra—see page 126. Discounts on application.

VENTILATOR BASES.

To be in connection with Figures 731, 734, 735, 736, 737, 753 and 754.

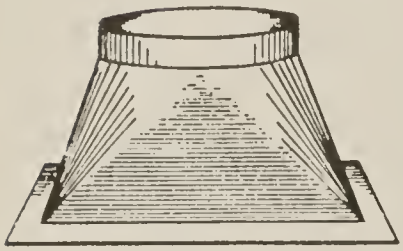


Fig. 741.

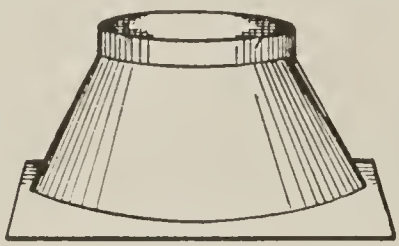


Fig. 742.

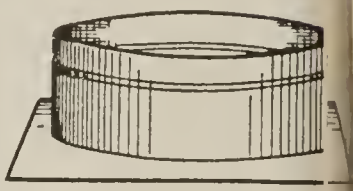


Fig. 743.

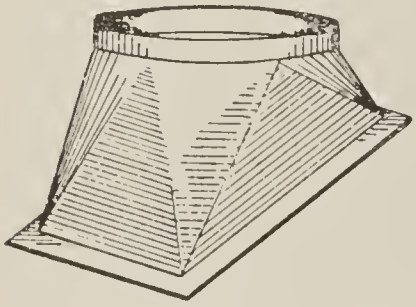


Fig. 744.

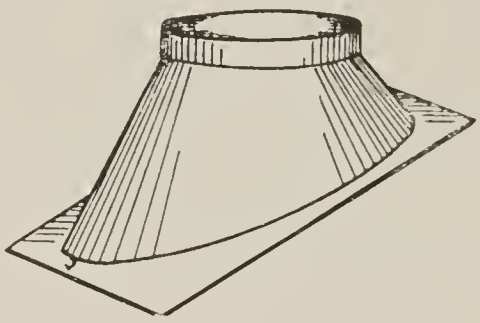


Fig. 745.

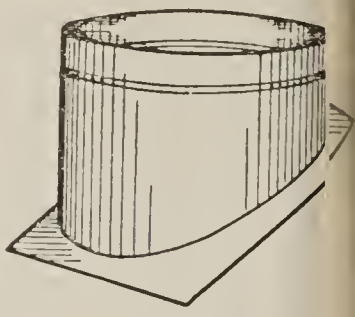


Fig. 746.

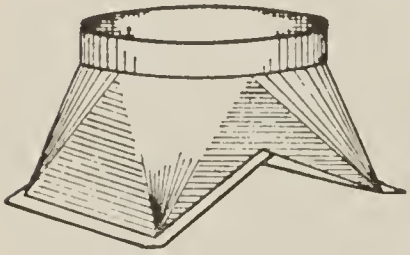


Fig. 747.

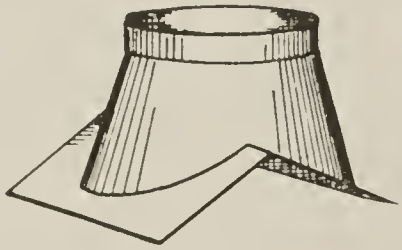


Fig. 748.

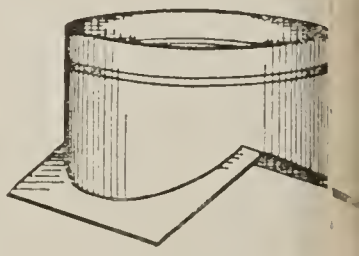


Fig. 749.

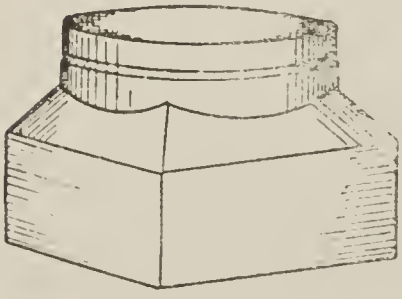


Fig. 750.

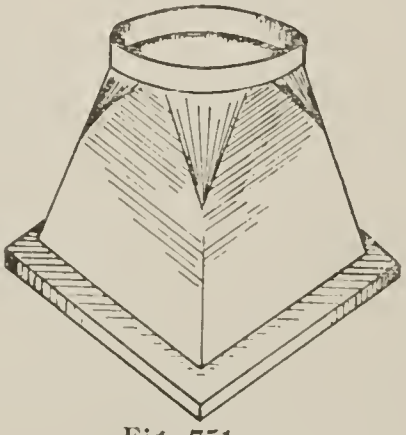


Fig. 751.

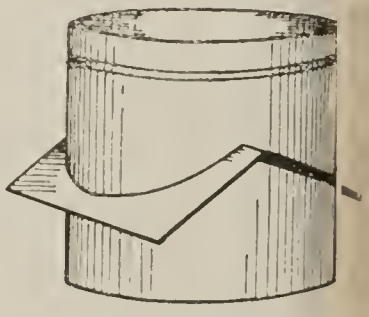


Fig. 752.

When ordering ventilators state if bases are wanted.
Give the style, also pitch of roof where ventilators are to be used.
Price depends on the quantity, size and height.

FIREPROOF SHUTTERS.

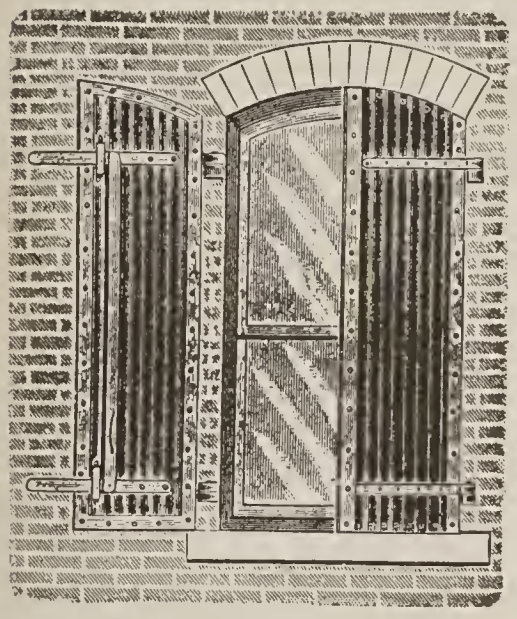


Fig. 796.

Made of No. 18 gauge and lighter, stiffened with riveted Channel Steel Frame, making the lightest, strongest and best constructed shutter on the market.

Note—Quotations on receipt of specifications. Inquiries should state exact size required and number of windows to be covered.

See pages 128 and 129 for Fireproof Windows.

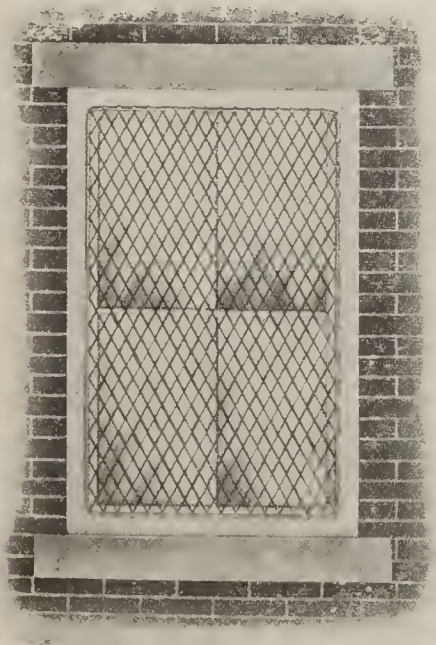


Fig. 798.

Heavy Wire Window Guards.

Made from No. 13 to No. 6 Wire with round iron and channel iron frames.

Write for Price List.

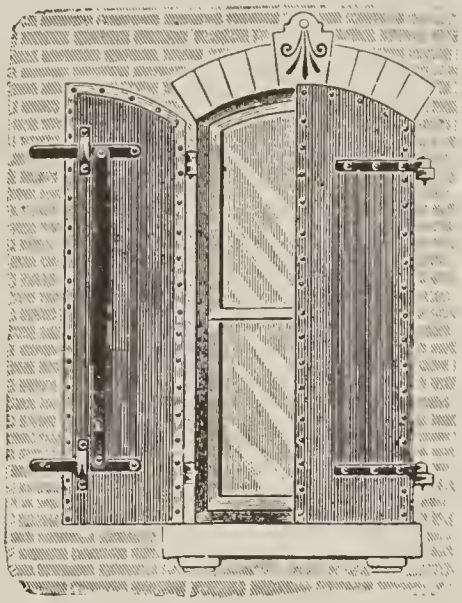


Fig. 797.

Made of 7/8-inch tongued and grooved well seasoned white pine, battened with 3/16-inch band iron sunken flush with surface, all of which is then covered with beaded sheets or bright tin as desired. When made to fit into window or door openings, they are provided with 1-inch flange all around, and when constructed in accordance with underwriters' specifications can be made to lap on face of wall as required.

When made of two thicknesses of well seasoned white pine, one thickness is applied diagonally to the other to stiffen, and then covered with sheet metal. When made to fit into window or door openings, are provided with a 1-inch flange to cover joints or made without flange to lap on face of wall as desired. This style when covered with bright tin, with all seams securely locked and malleted down, makes the best known protection against fire and when made to lap the face of the wall conforms strictly with underwriters' specifications.

FIREPROOF WINDOWS.

Suitable for Office Buildings, Theaters, Hotels, Warehouses, Schools, Factories, or any kind of building where protection is wanted from fire or burglars. We make any type wanted from galvanized iron or copper, glazed with wire ribbed or polished glass.

LET US FIGURE ON YOUR REQUIREMENTS.

To quote, we must know the number and size of openings in the wall where windows are to be used, the kind of window and kind of glass; whether square or segment head and the number of lights wanted in each sash.

See Page 127 for Fireproof Shutters.

Double Hung Windows.

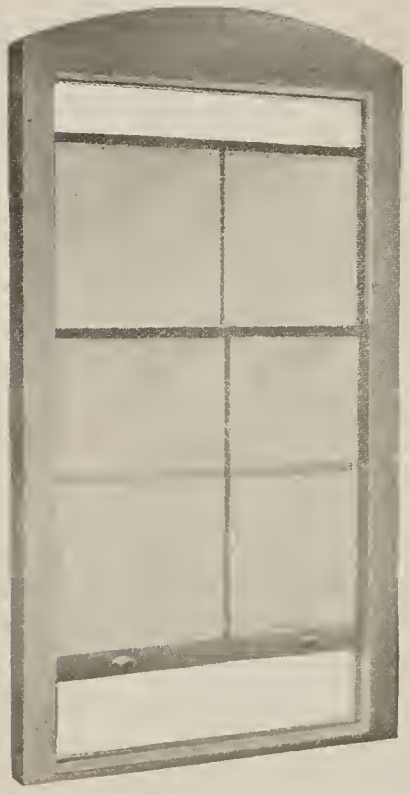


Fig. 776.

We make this window in two styles—each sash hung on weights or counterbalanced without weights. Either can be equipped with automatic closing device, when desired.

Standard Single Pivoted Windows.

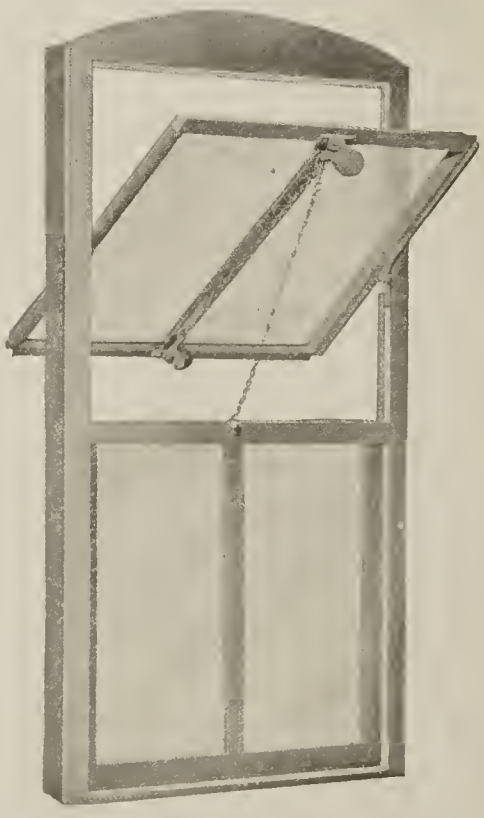


Fig. 777.

This window is made with the top sash pivoted and the bottom sash stationary; or it can be furnished with the lower sash pivoted and the top sash stationary. In either case it is equipped with automatic closing device and locks.

FIRE PROOF WINDOWS.

Double Pivoted Windows.

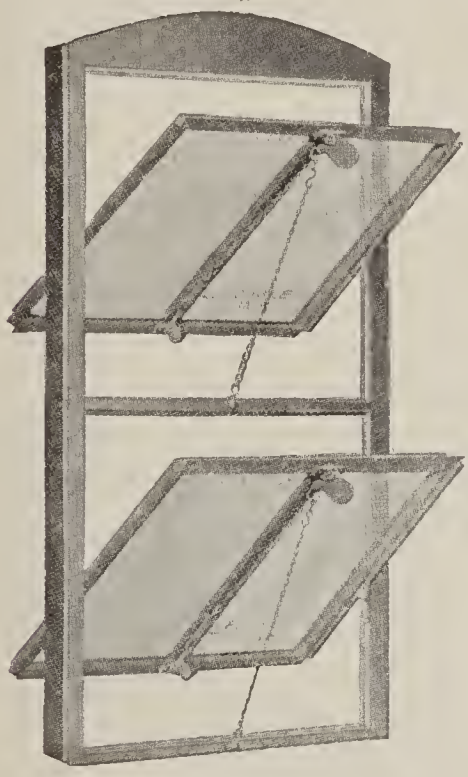


Fig. 778.

Where great amount of ventilation is wanted this style of window is the best. Each sash is pivoted and arranged to close automatically in case of fire.

Casement Windows.

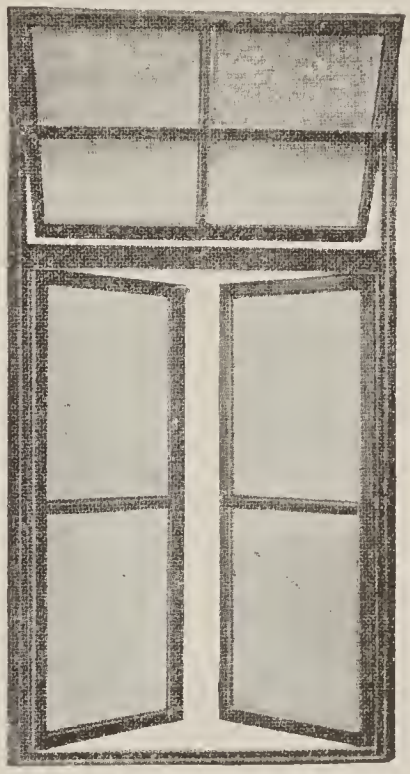


Fig. 779.

This type of window is especially intended for access to fire escapes and in open courts; they are made to swing either in or out.

Vertical Pivoted Windows.

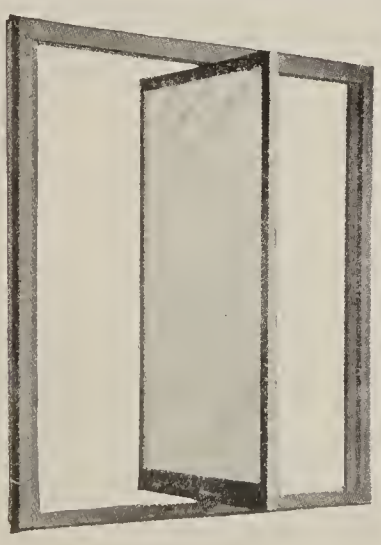


Fig. 780.

This type of window is made for places where horizontal pivoted and other types can not be used to advantage.

Hinged Windows.

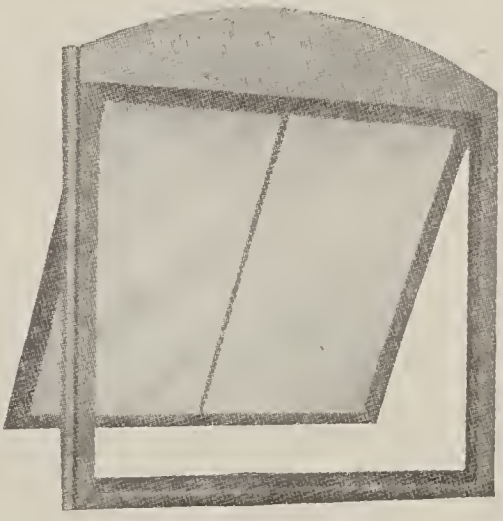


Fig. 781.

This type of window can be used where a low window is necessary, such as basements, over doors or between ceiling and shelving.

They can be made hinged from top, bottom or either side.

SKYLIGHTS.

Made complete with ¼-inch ribbed glass, which we pack and ship in separate cases at buyer's risk of breakage.

Our skylights are so constructed that all condensation from glass is carried by gutters in the sash bars direct into the curb and discharged through weep holes on to the roof, without soaking between laps of metal, so common in skylight construction.

We guarantee our Skylight Frames to be of the best material and workmanship, very strong, neatly fitted, LUGGED and soldered. The frames are made to fit over wood curbs.

The outside measurements of the wood curb and the thickness of the wood used must always be given us to insure a neat fit. We do not furnish wood curbs or putty.

Glass furnished ⅛, $\frac{3}{16}$, ¼ or $\frac{3}{8}$-inch thick, ribbed, rough, hammered or maze, sanded or polished, either with or without wire.

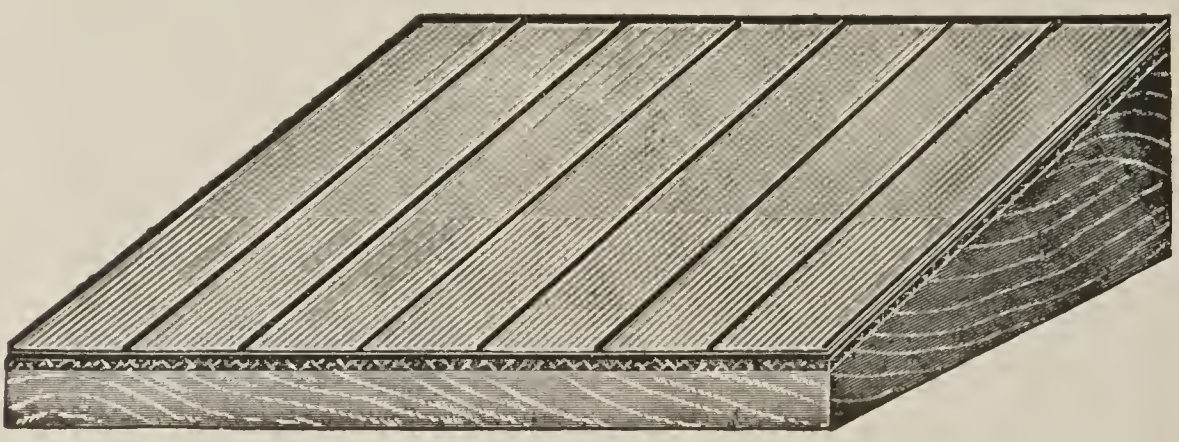


Fig. 701—Single Pitch Skylight.

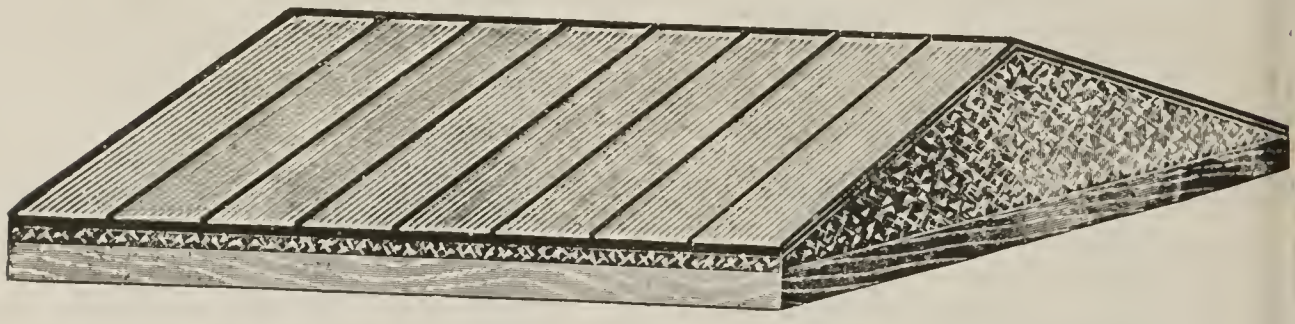


Fig. 702—Double Pitch Skylight.

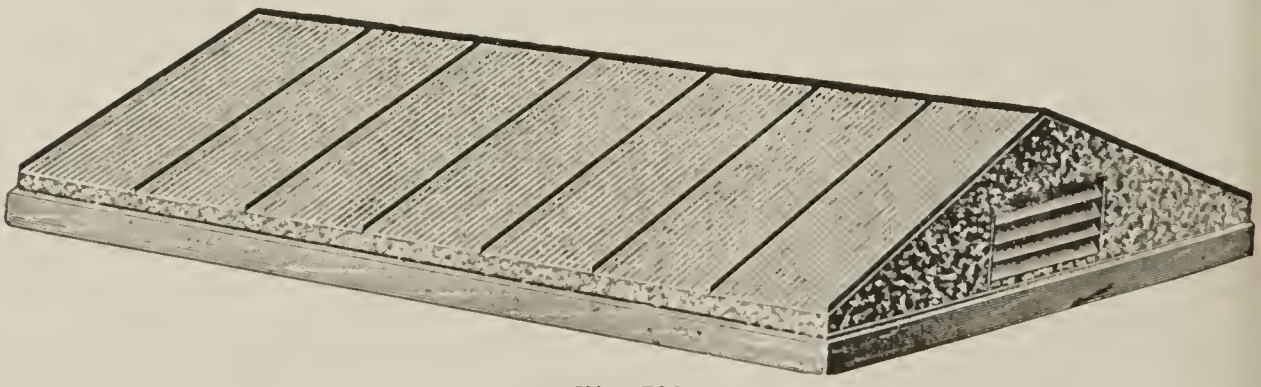


Fig. 703.
Double Pitch Skylight same as No. 702, but with Louvre Ventilator in each end.

See Price list, page 134.

SKYLIGHTS.

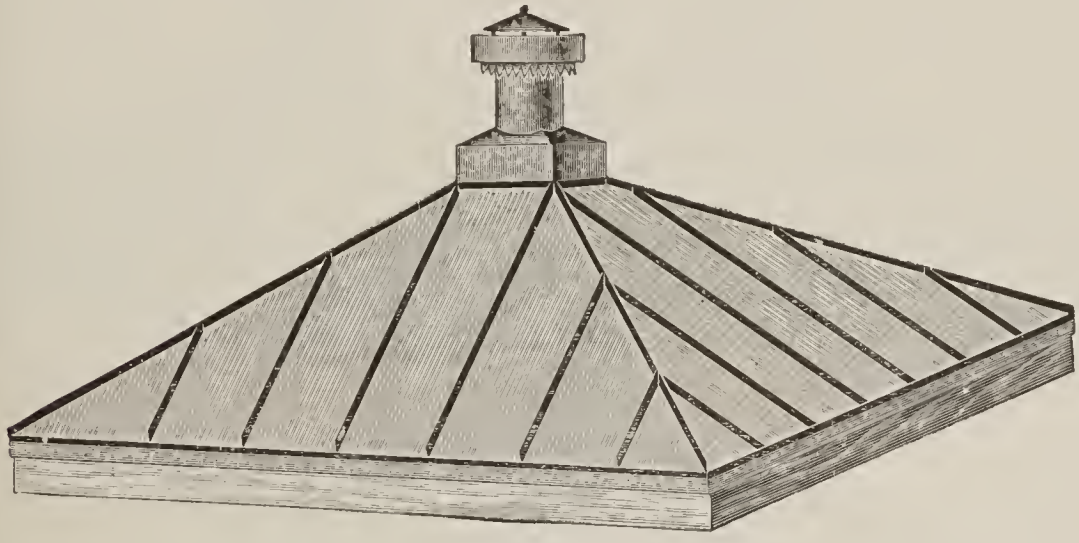


Fig. 704.

Square Hipped Skylight with Ventilator.

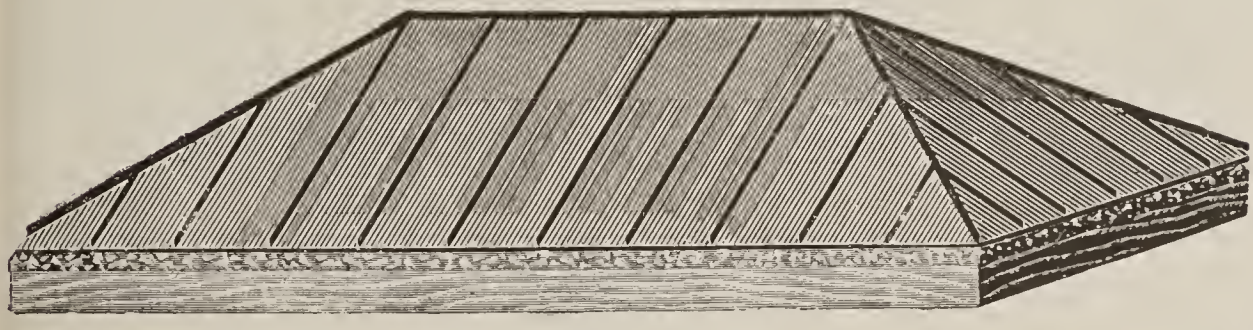


Fig. 705.

Hipped Skylight.

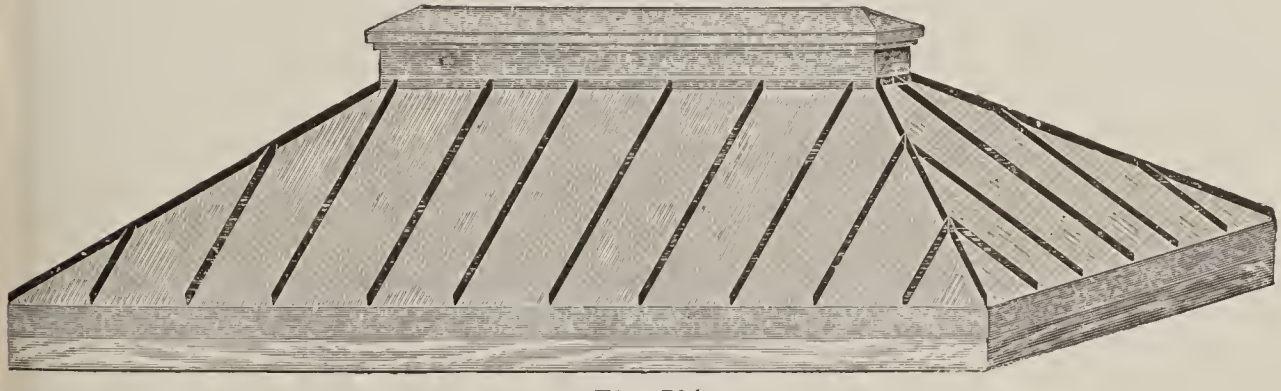


Fig. 706.

Hipped Skylight, same as No. 705, but with Ornamental Ridge Ventilator.

See price list, page 134.

SKYLIGHTS.

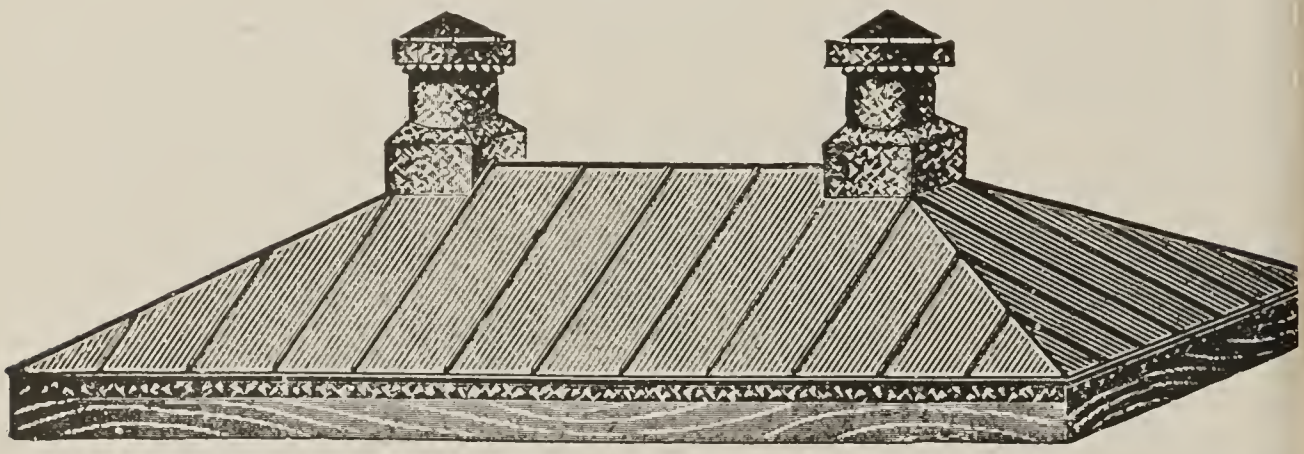


Fig. 707.
Hipped Skylight with Ventilators.

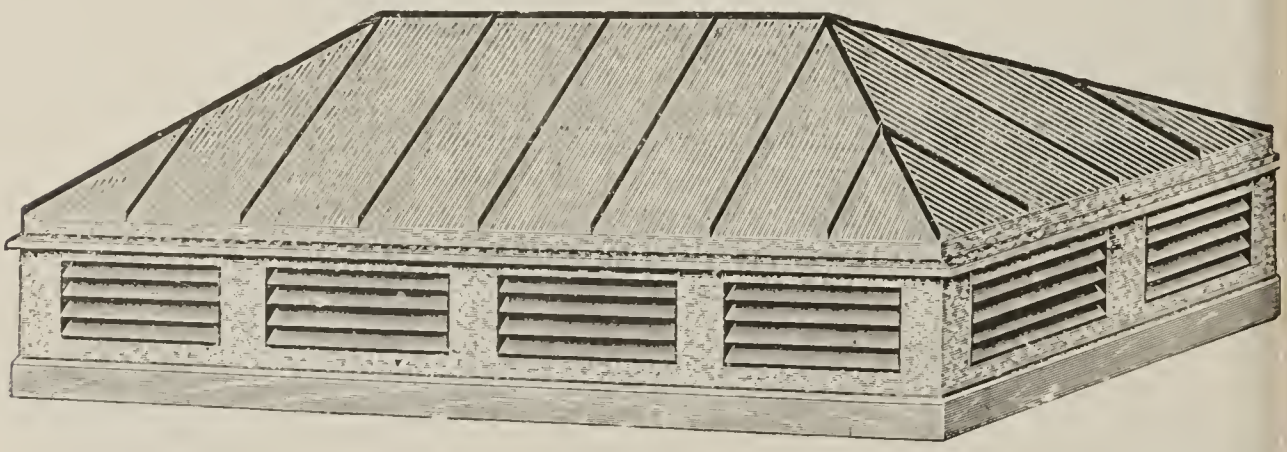


Fig. 708.
Hipped Turret Skylight with Stationary Louvre Ventilators.

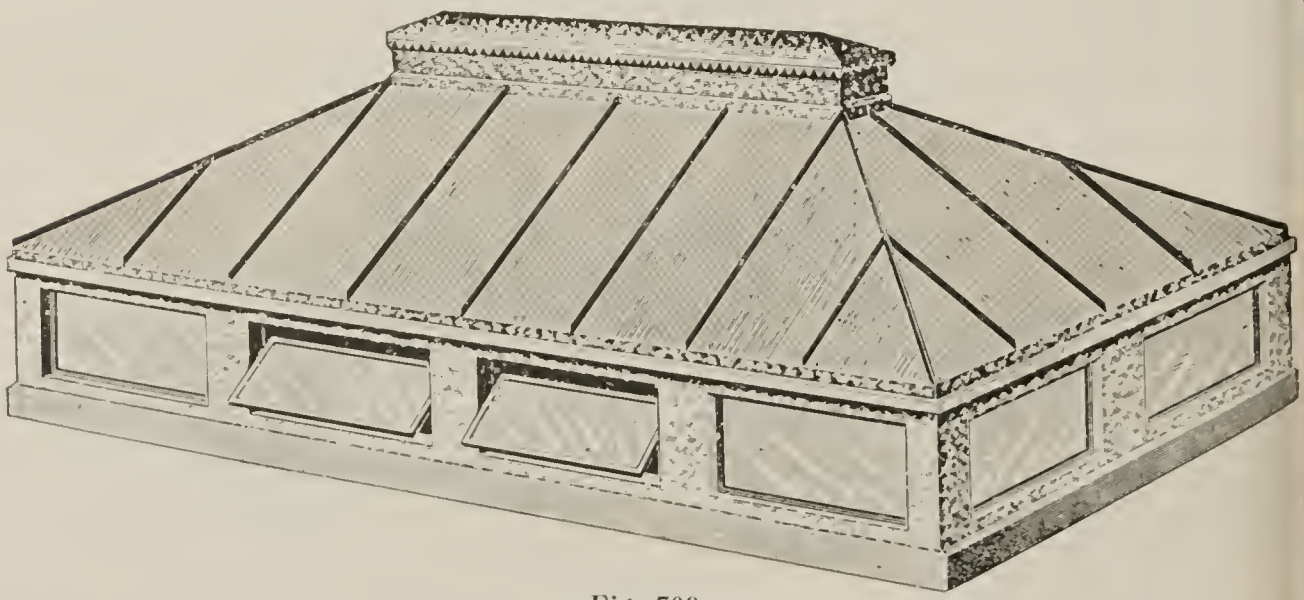


Fig. 709.
Hipped Turret Skylight with Ridge Ventilator and Movable Side Sash.
See price list, page 134.

CHEAP SKYLIGHT FRAMES.

Made 18 inches wide on 6, 8 or 10-foot corrugated sheets. Furnished with ¼-inch ribbed glass.

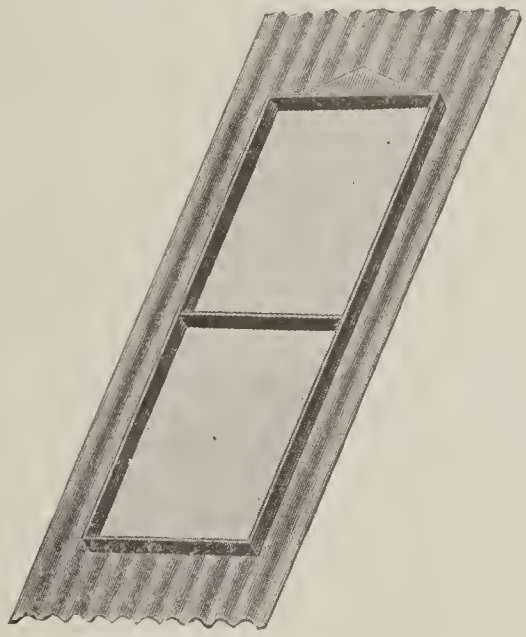


Fig. 712.

Price—With ¼-Inch Ribbed Glass.

6-foot Sheet	$ 6.00
8-foot Sheet	8.00
10-foot Sheet	10.00

Discount on application.

WIRE SKYLIGHT GUARD.

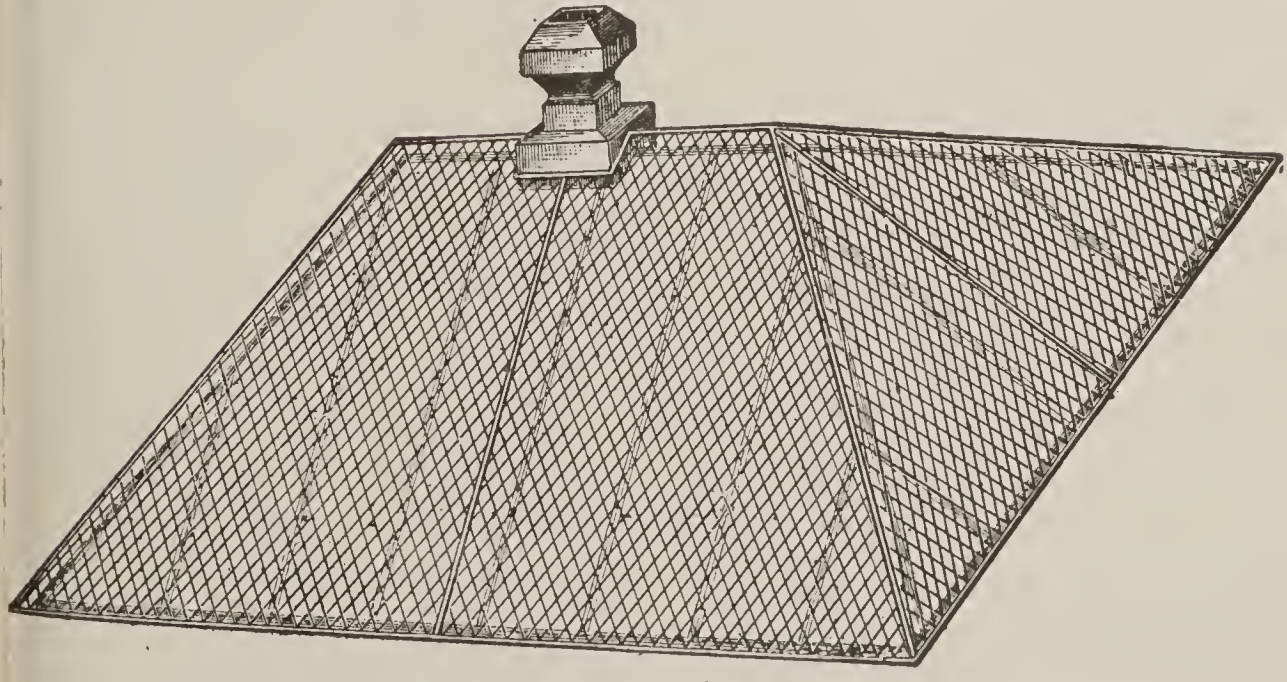


Fig. 725.

Give size and mesh of wire wanted. These guards are made to suit skylights of all kinds. Single or double Pitch Hipped or Turret Skylight.

SKYLIGHT PRICE LIST.

Prices include ¼-inch ribbed glass and ventilators where shown, but do not include wood curbs or putty.

Size of Curb Outside	No. 701	No. 702	No. 703	No. 704	No. 705	No. 706	No. 707	No. 708	No. 709
3 x 3	$ 6.50	$ 9.00	$12.00	$17.00	$14.00	$17.00	$17.00	$46.00	$61.00
3 x 4	7.50	10.50	13.50	18.00	15.00	18.00	18.00	48.00	64.00
3 x 5	9.00	12.00	15.00	20.00	17.00	21.00	21.00	51.00	68.00
3 x 6	10.00	13.00	16.00	21.50	18.50	22.00	22.00	53.00	70.00
4 x 4	9.50	12.50	15.50	20.50	17.50	20.50	20.50	52.00	69.00
4 x 5	10.50	14.00	17.00	22.50	19.50	23.00	23.00	55.00	72.00
4 x 6	12.00	15.50	18.50	25.00	22.00	27.00	27.00	58.00	76.00
4 x 8	15.00	19.00	22.00	31.00	26.00	33.00	33.00	60.00	84.00
5 x 5	12.00	15.50	17.50	25.00	22.00	27.00	27.00	58.00	76.00
5 x 6	14.00	18.00	21.00	28.00	25.00	29.00	29.00	64.00	82.00
5 x 8	18.00	22.00	25.00	34.00	31.00	36.00	36.00	73.00	93.00
5 x 10	21.00	26.00	29.00	39.00	36.00	41.00	41.00	82.00	103.00
6 x 6	16.00	21.00	25.00	32.00	28.00	32.00	32.00	69.00	88.00
6 x 8	20.00	25.00	29.00	39.00	35.00	40.00	40.00	80.00	100.00
6 x 10	25.00	30.00	34.00	46.00	42.00	48.00	48.00	91.00	114.00
6 x 12	29.00	35.00	39.00	52.00	48.00	55.00	55.00	100.00	124.00
7 x 7	21.00	26.00	30.00	40.00	36.00	40.00	40.00	82.00	103.00
7 x 10	28.00	35.00	39.00	52.00	48.00	54.00	54.00	100.00	124.00
7 x 12	33.00	40.00	44.00	59.00	55.00	62.00	62.00	112.00	138.00
8 x 8	26.00	32.00	36.00	48.00	44.00	48.00	48.00	94.00	118.00
8 x 10	32.00	39.00	43.00	57.00	53.00	60.00	60.00	109.00	134.00
8 x 12	38.00	46.00	50.00	66.00	62.00	69.00	69.00	134.00	150.00
9 x 9	32.00	39.00	43.00	57.00	53.00	57.00	57.00	109.00	134.00
9 x 12	42.00	52.00	56.00	73.00	69.00	75.00	75.00	137.00	167.00
10 x 10	39.00	48.00	53.00	70.00	64.00	70.00	70.00	127.00	155.00
10 x 12	47.00	57.00	62.00	82.00	76.00	85.00	85.00	152.00	186.00
10 x 14	56.00	67.00	72.00	97.00	91.00	100.00	100.00	175.00	217.00
10 x 16	64.00	77.00	82.00	110.00	104.00	115.00	115.00	200.00	248.00
12 x 12	57.00	69.00	75.00	99.00	93.00	100.00	100.00	177.00	220.00
12 x 14	68.00	82.00	88.00	116.00	110.00	120.00	120.00	212.00	263.00
12 x 16	76.00	91.00	97.00	131.00	125.00	135.00	135.00	240.00	297.00
12 x 18	86.00	103.00	109.00	146.00	140.00	150.00	150.00	270.00	335.00
12 x 20	96.00	115.00	121.00	162.00	156.00	166.00	160.00	300.00	375.00

Discount on application.

Write for prices on the following:

Skylights of other dimensions than shown in list.

Large skylights and skylights for saw tooth roofs.

Skylights without glass. Skylights with ⅛, ¼ or ⅜ inch ribbed, rough, hammered or maze, sanded or polished glass, either with or without wire.

Skylights with special construction or with re-inforced bars.

Skylights made from copper. Skylights with moveable sash.

BAY WINDOWS.

We make every kind of Bay Windows and if furnished with description and measurements of requirements, we will submit designs and estimates.

We do not furnish glass, sash or any wood work.

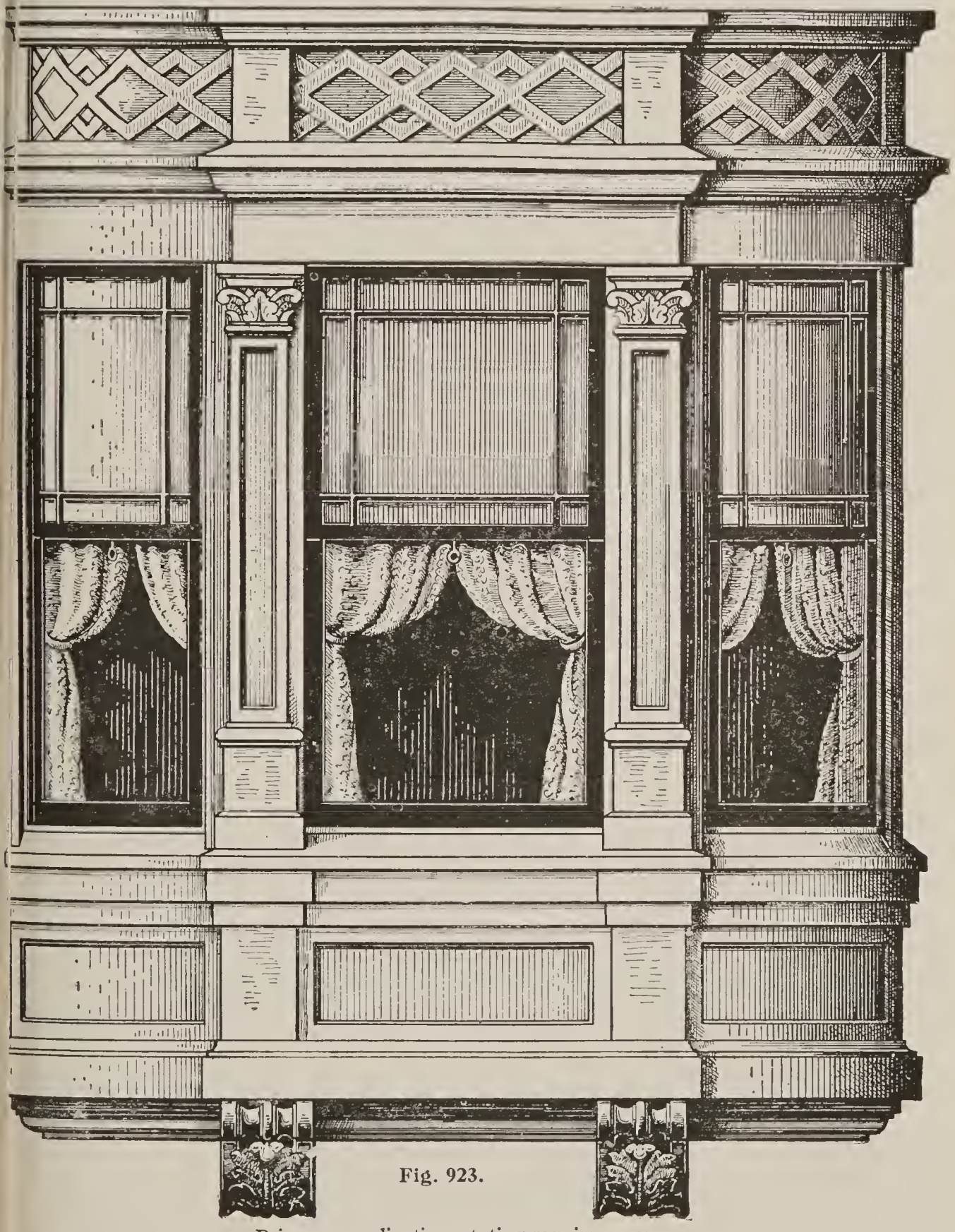


Fig. 923.

Prices on application, stating requirements.

BAY WINDOWS.

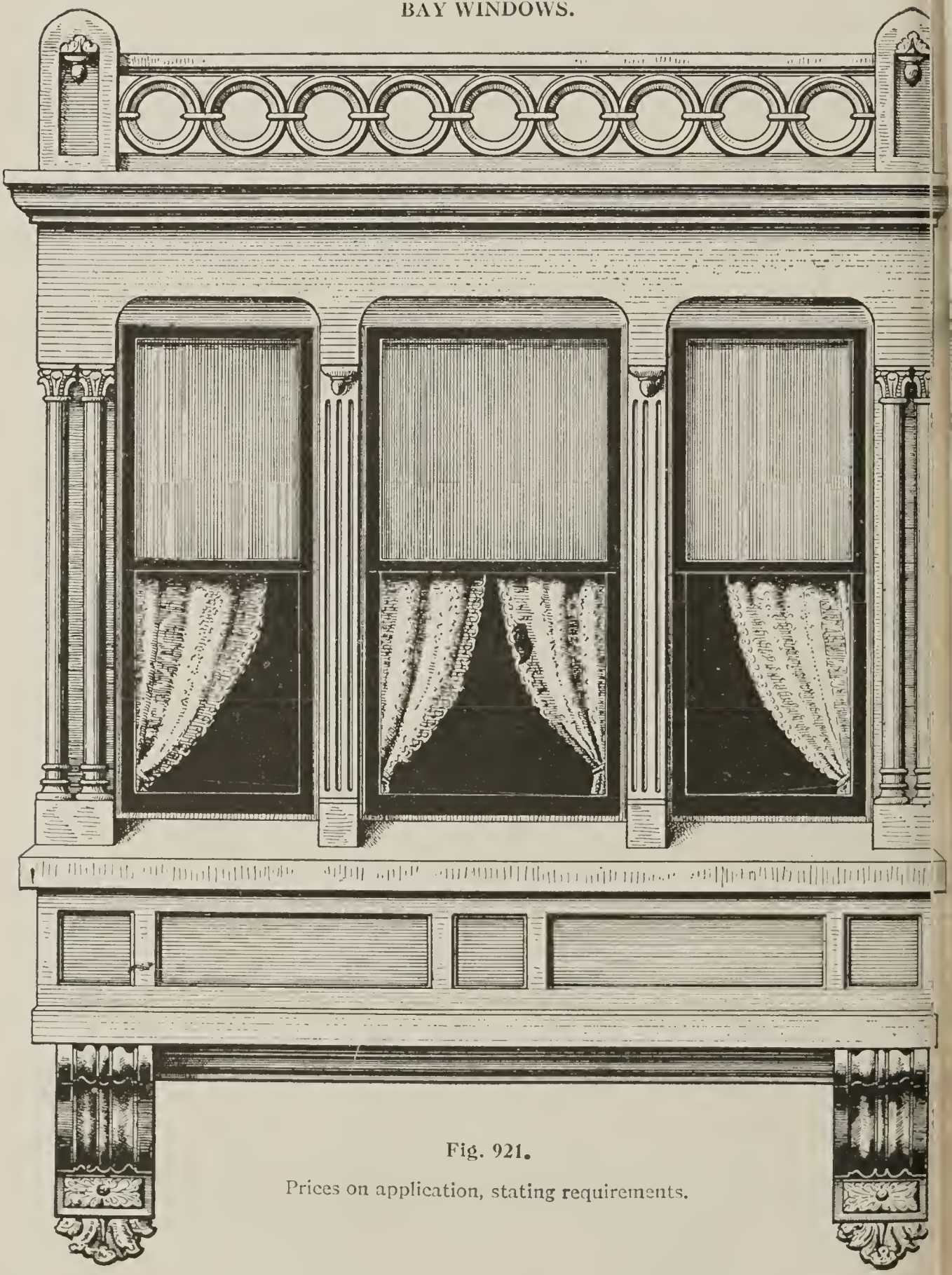


Fig. 921.

Prices on application, stating requirements.

BAY WINDOWS.

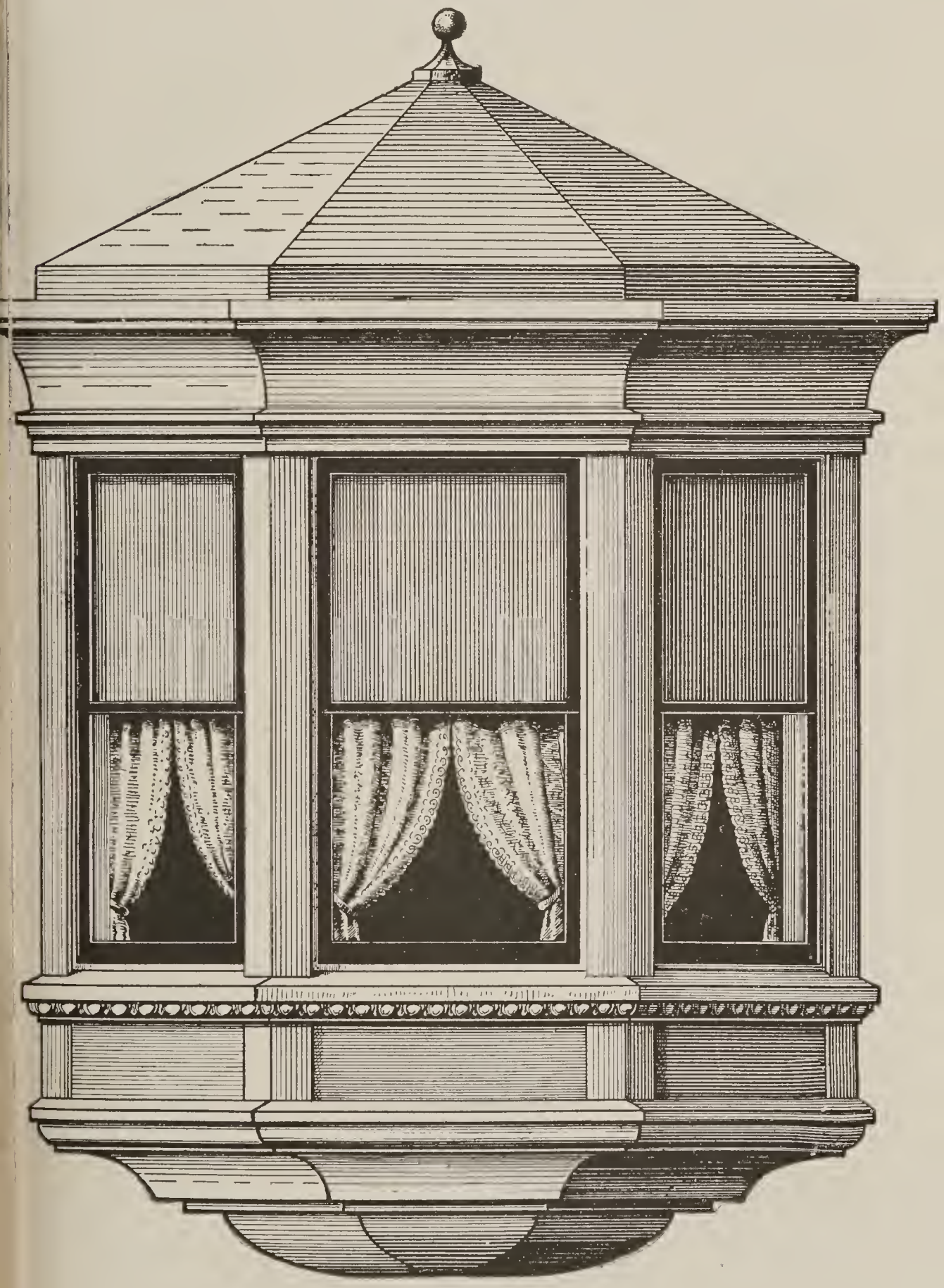


Fig. 920.
Prices on application, stating requirements.

CRESTING FINIALS.

These Finials can be fit to any of our crestings, ridges or ridge rolls. In ordering give pitch of roof. Other heights can be furnished when desired. Prices on application, stating requirements.

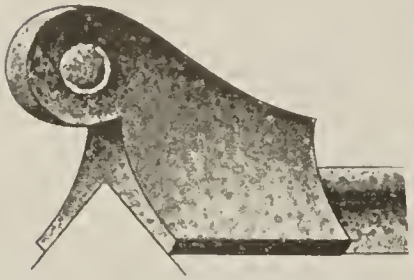


Fig. 526.
6, 9, 12 and 15 inches high.

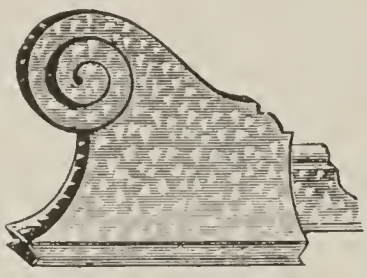


Fig. 527.
9, 12, 15 and 18 inches high.

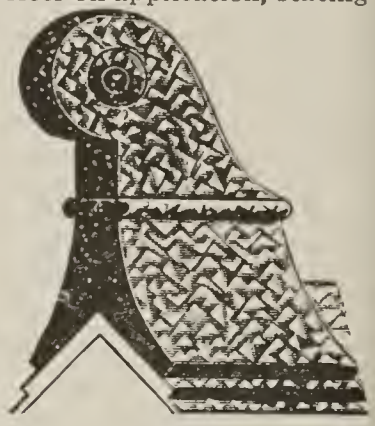


Fig. 528.
15, 18, 24 and 30 in. high.

Fig. 529.
15 inches high.

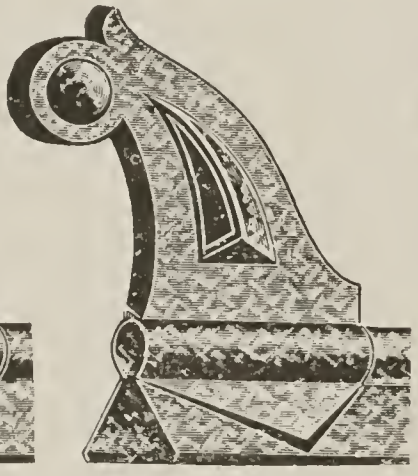


Fig. 530.
15 inches high.

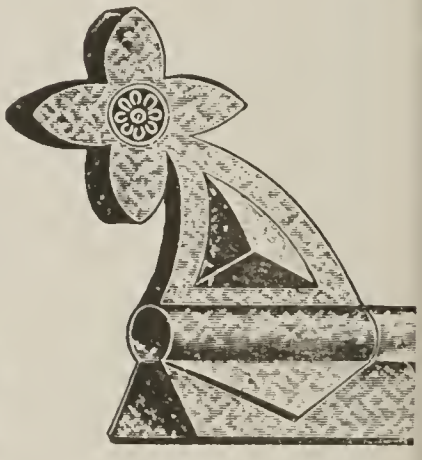


Fig. 531.
15 inches high.

Fig. 532.
24 inches high.

Fig. 533.
30 inches high.

Fig. 534.
20 and 30 inches high.

FINIALS AND VANES.

We make any shape, style or size desired, to fit any kind of roof. In ordering, give shape of roof and pitch and height wanted.

Fig. 535.
3, 4 and 5 feet high.

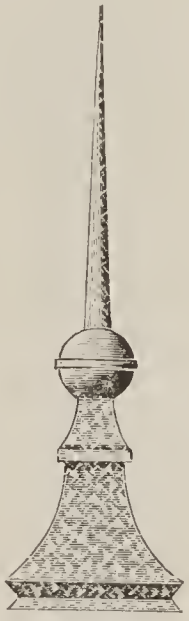


Fig. 536.
3, 4 and 5 feet high.

Fig. 537.
3, 4 and 5 feet high.

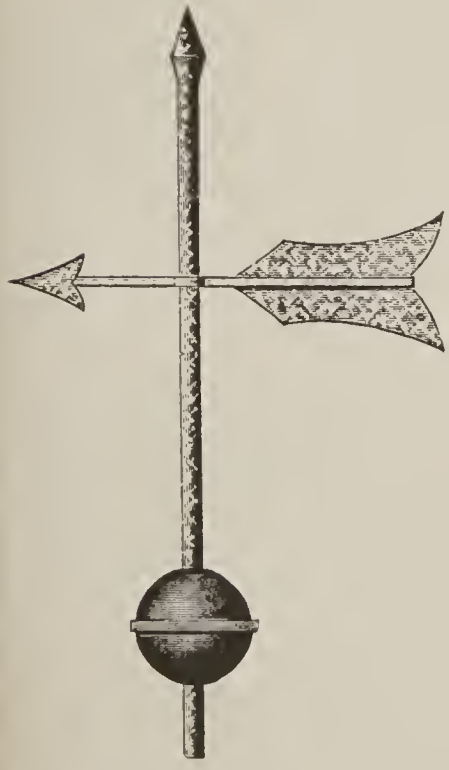


Fig. 538.
2, 3, 4 and 5 feet high.

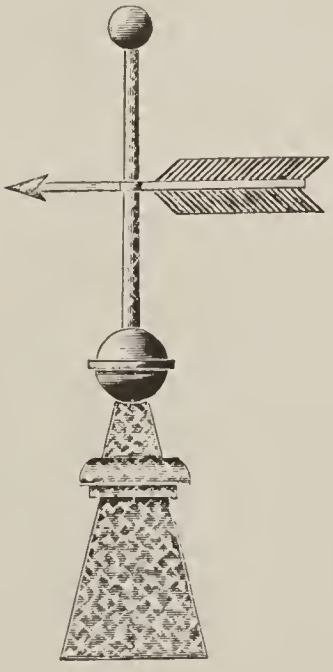


Fig. 539.
3, 4, 5 and 6 feet high.

Fig. 540.
4, 5 and 6 feet high.

Other heights can be furnished when desired.
Prices on application, stating requirements.

FINIALS.

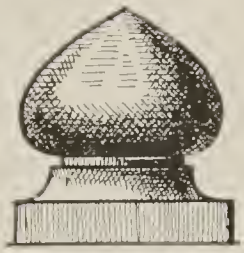


Fig. 593.

Fig. 594.

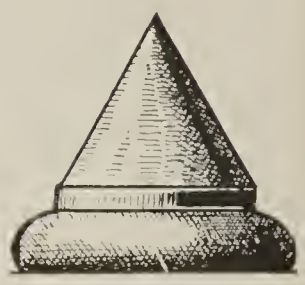


Fig. 595.

Fig. 596.

Fig. 597.

Fig. 598.

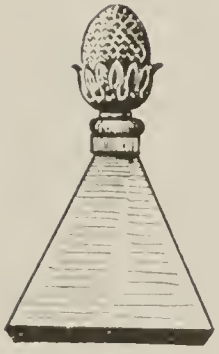


Fig. 599.

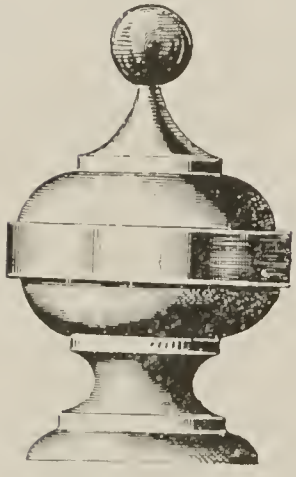


Fig. 600.

Fig. 601.

Urns and Finials made any size or height desired.
Prices on application, stating requirements.

FINIALS.

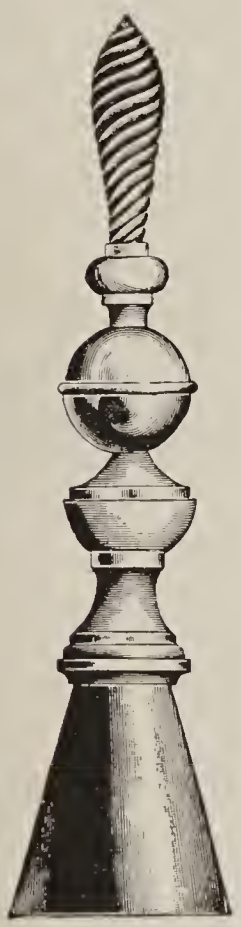


Fig. 543.
5 and 6 feet high.

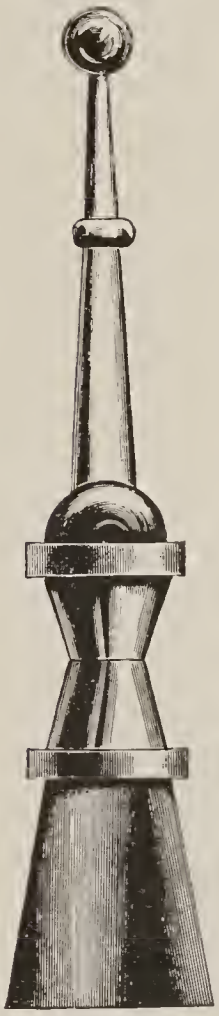


Fig. 544.
5 and 6 feet high.

Fig. 560.
4 feet high.

Fig. 575.
2 feet high.

Fig. 576.
30 inches high.

Fig. 577.
30 inches high.

Other heights can be furnished when desired.
Prices on application, stating requirements.

FINIALS.

Fig. 546.
Made 2, 3 and 4 ft. high.

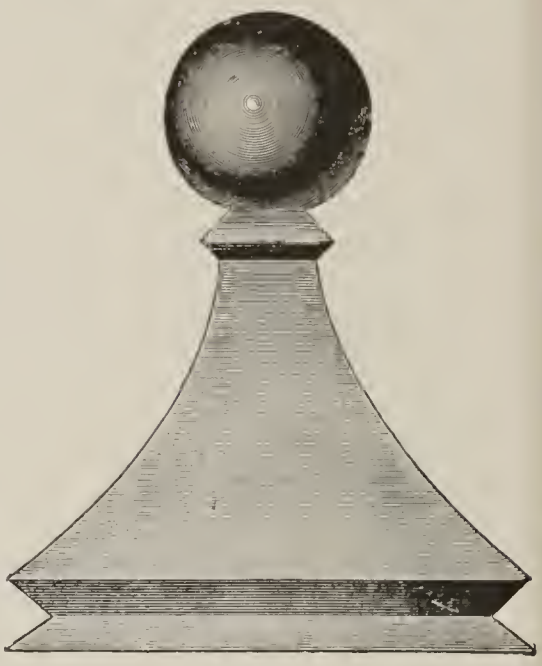


Fig. 547.
Made 2, 3 and 4 ft. high.

Fig. 549.
Made 3, 4 and 6 ft. high.

Fig. 548.
Made 4, 5 and 6 ft. high.

Fig. 550.
Made 3, 4 and 5 ft. high.

Other heights can be furnished when desired.
Prices on application, stating requirements.

FINIALS.

Fig. 588.
Made 4, 6 and 8 ft. high.

Fig. 589.
Made 4 ft. high.

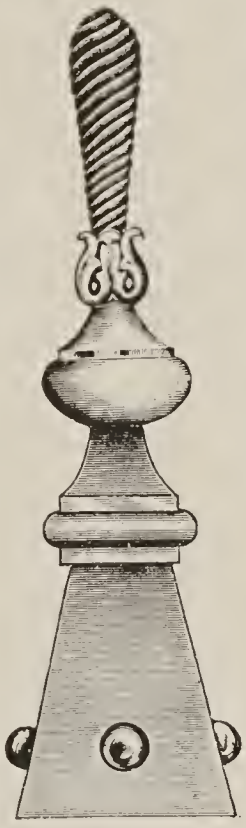


Fig. 590.
Made 4, 5 and 6 ft. high.

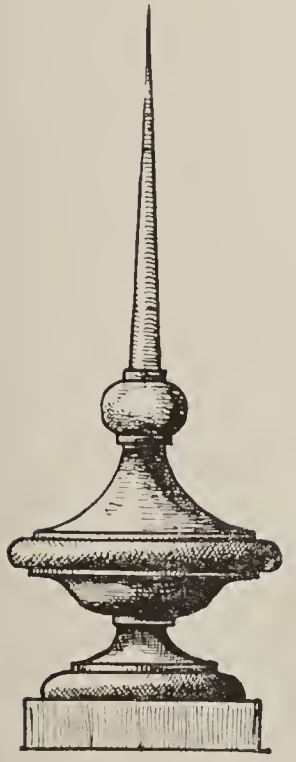


Fig. 591.
Made 3 feet high.

Fig. 592.
Made 3, 4 and 5 ft. high.

Other heights can be furnished when desired.

Prices on application, stating requirements.

FINIALS.

Fig. 541.
Made 3 and 4 feet high.

Fig. 542.
Made 3 and 4 feet high.

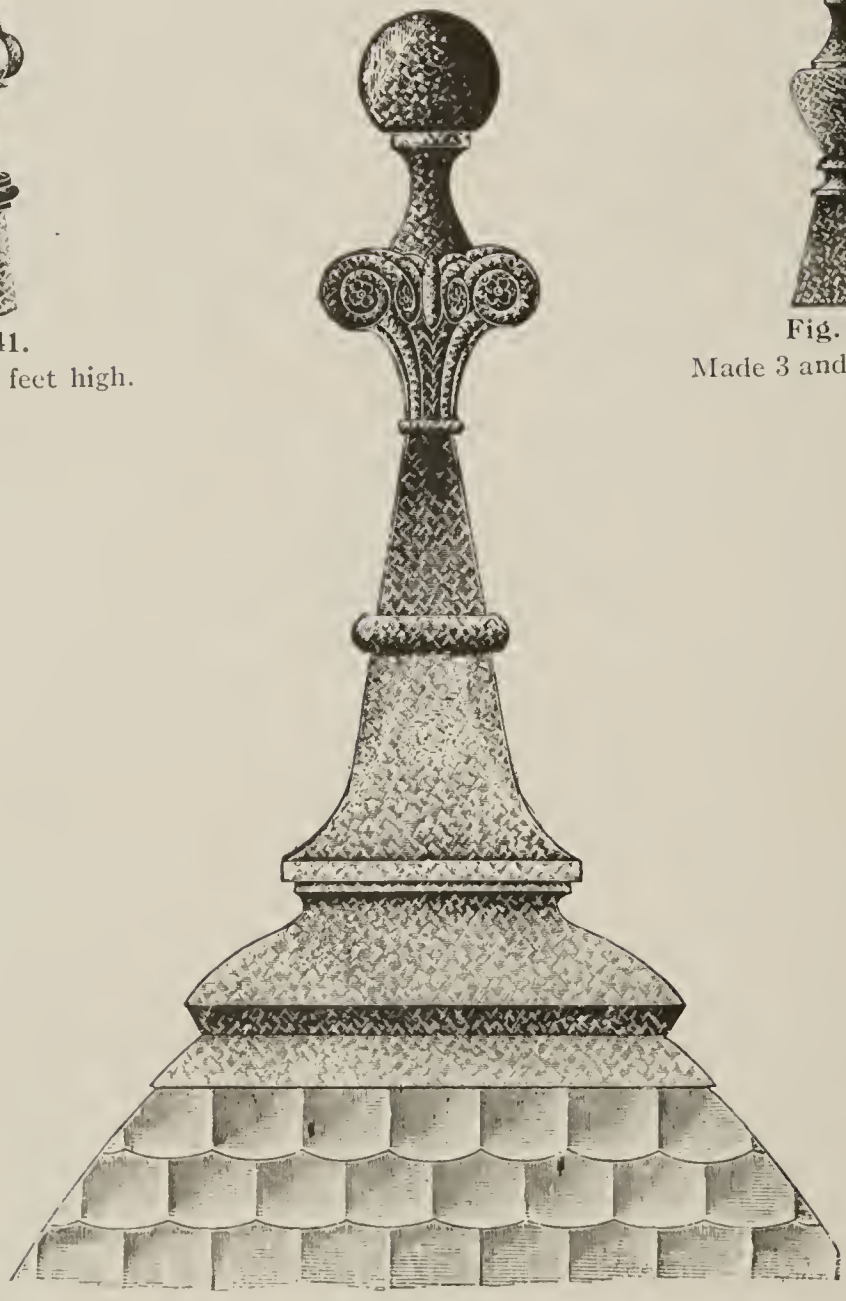


Fig. 545.

Made 5, 7 and 9 ft. high.

Other heights can be furnished when desired.
Prices on application, stating requirements.

FINIALS.

Fig. 556.
Made 4, 8 and 12 ft. high.

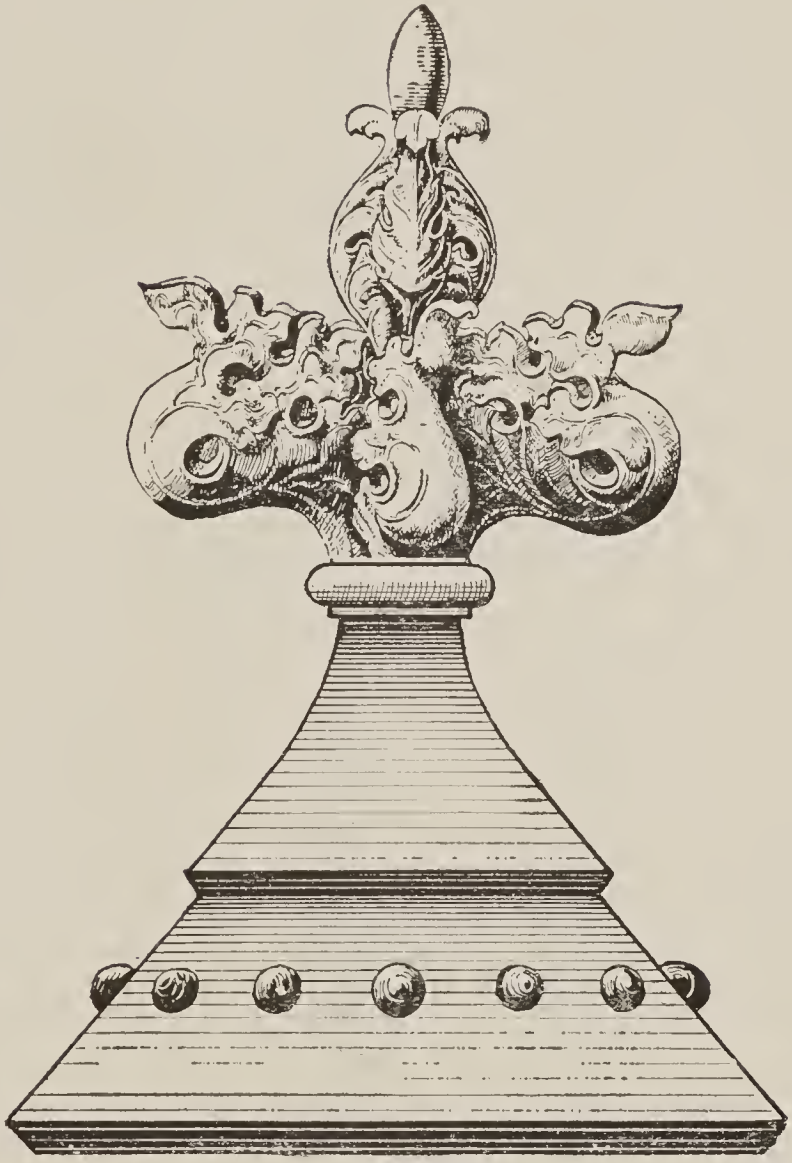


Fig. 557.
Height, 4½ feet.

Other heights can be furnished when desired.
Prices on application, stating requirements.

FINIALS AND VANES.

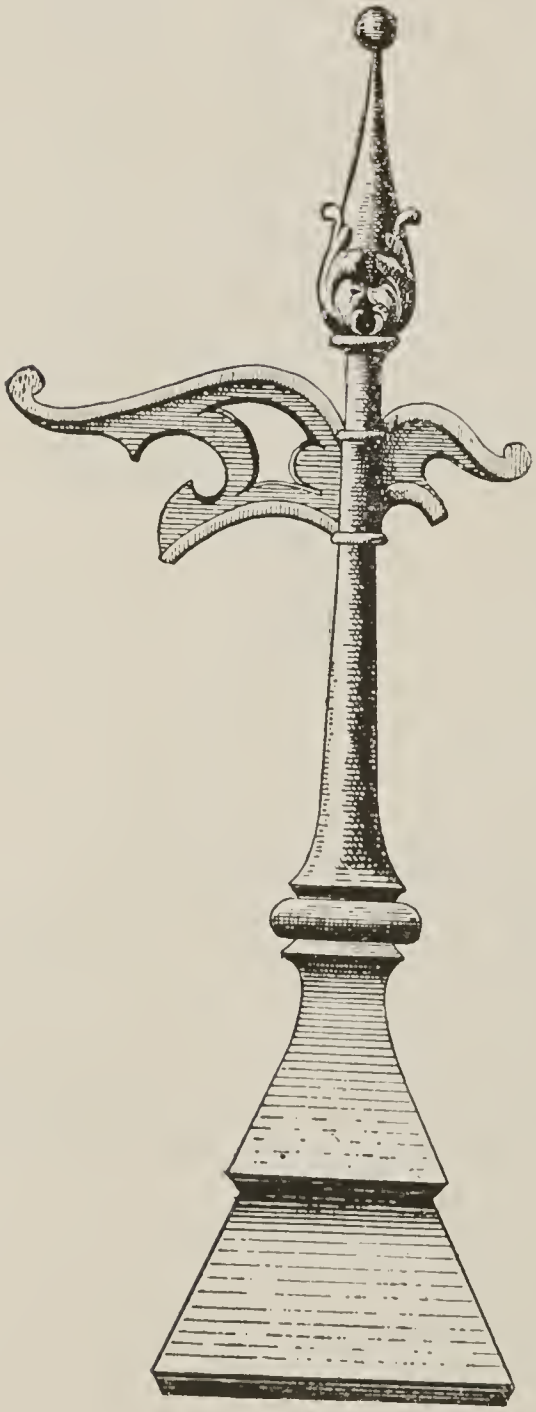


Fig. 568.

Made 5, 7 and 8 ft. high.

Fig. 569.

Made 7, 9 and 12 ft. high.

Other heights can be furnished when desired.
Prices on application, stating requirements.

FINIALS AND VANES.

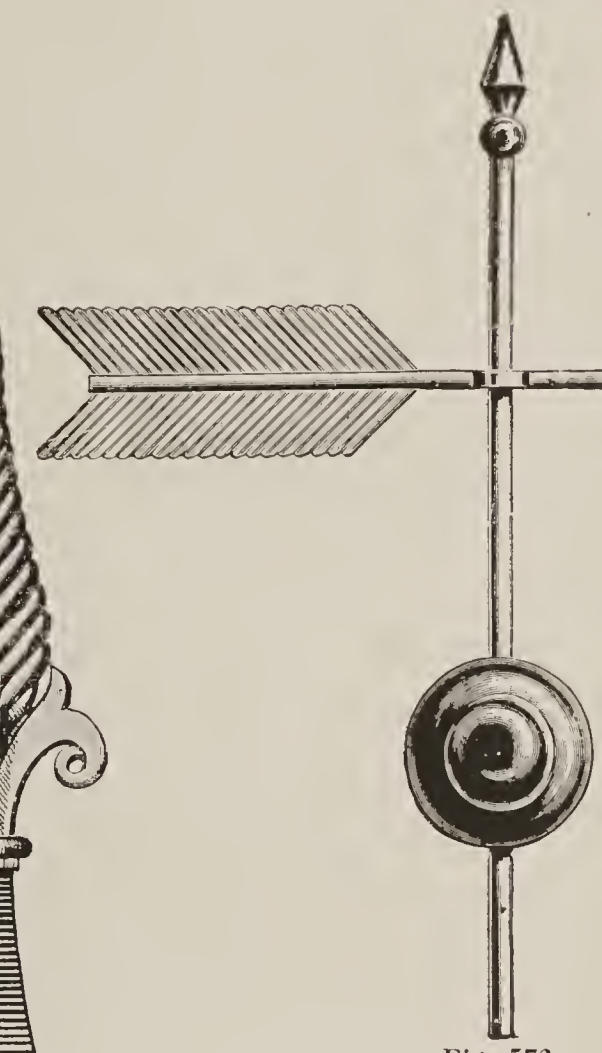


Fig. 573.
Height, 4 feet.

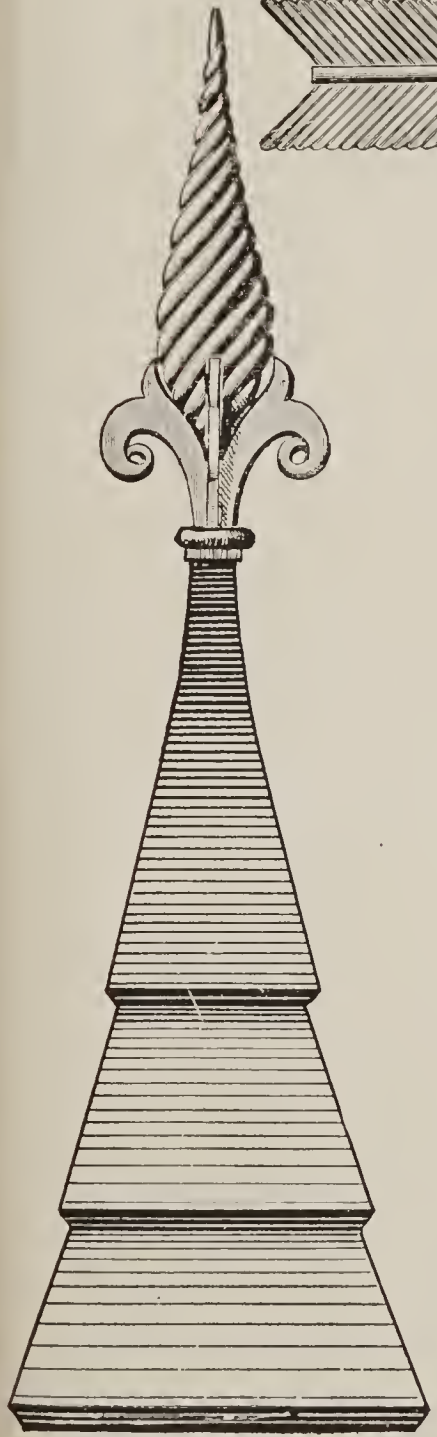


Fig. 572
Made 4, 6 and 8 ft. high.

Other heights can be furnished when desired.

Prices on application, stating requirements.

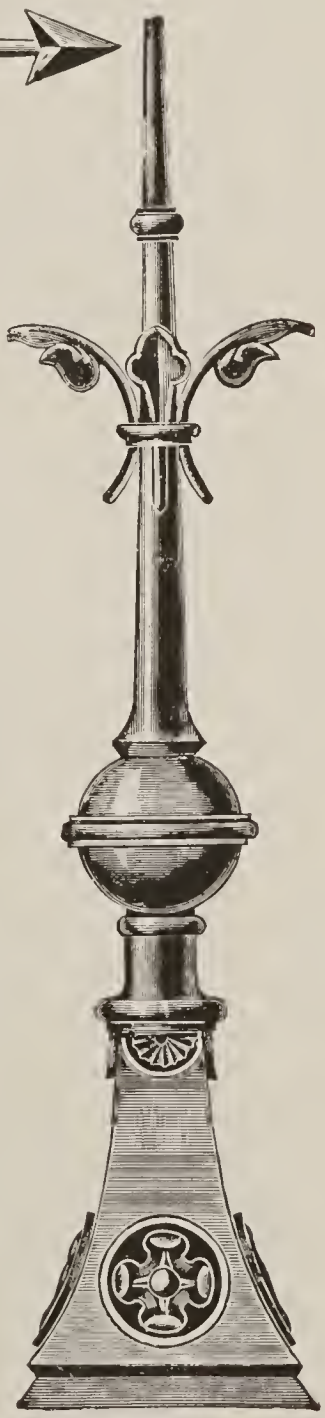


Fig. 574
Made 4, 6 and 8 ft. high.

FINIALS AND VANES.

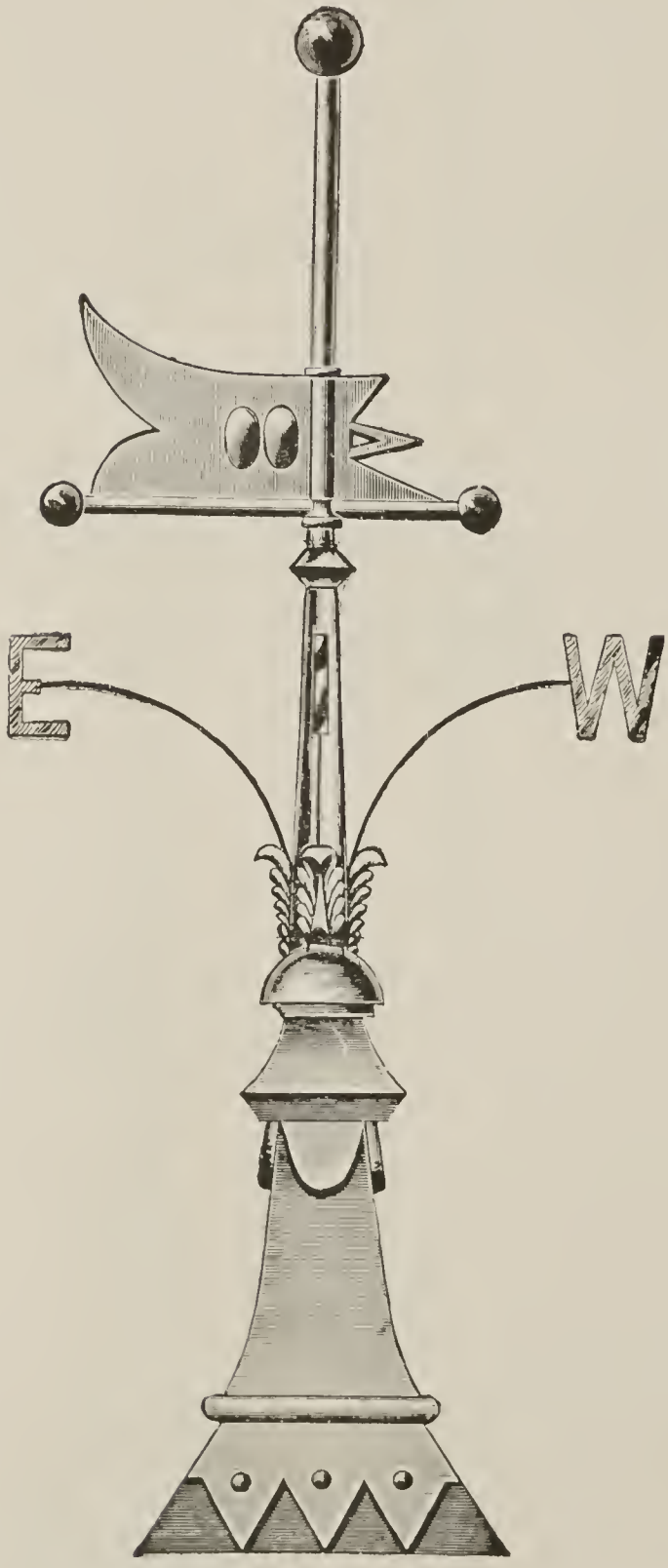


Fig. 562.
Made 6, 9 and 12 ft. high

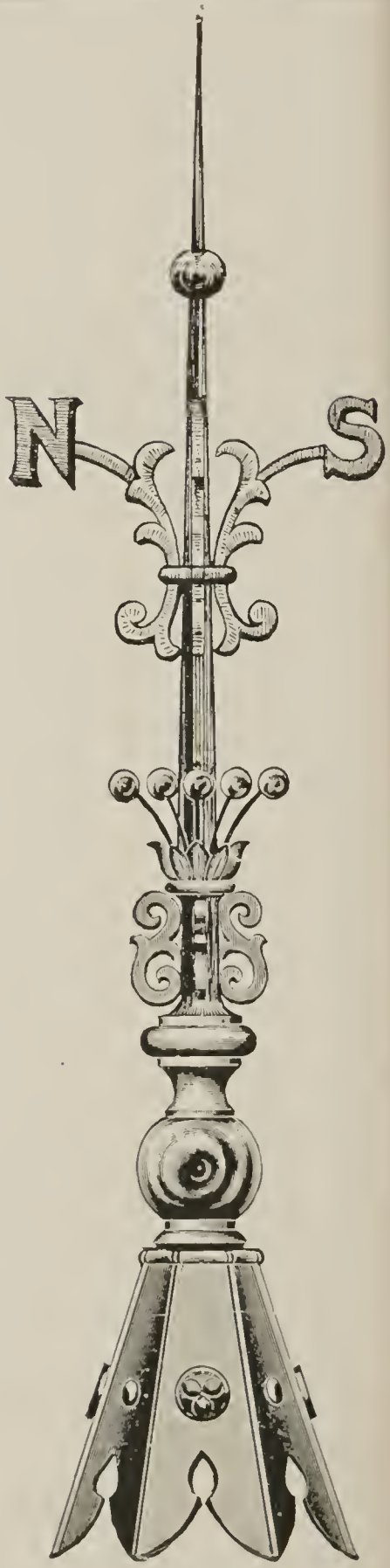


Fig. 563
Made 6, 9 and 12 ft. high.

Other heights can be furnished when desired.
Prices on application, stating requirements.

FINIALS AND VANES.

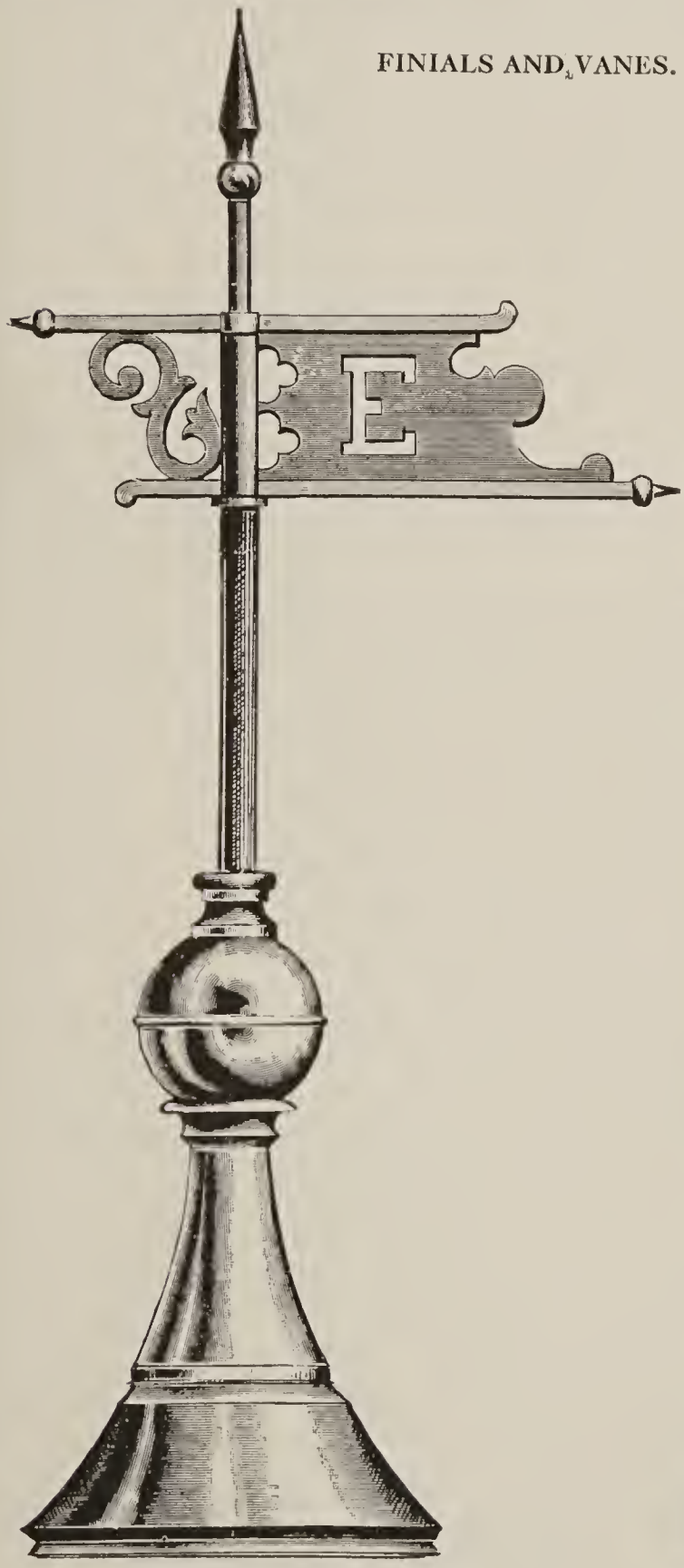


Fig. 570
Made 6, 8 and 10 ft. high.

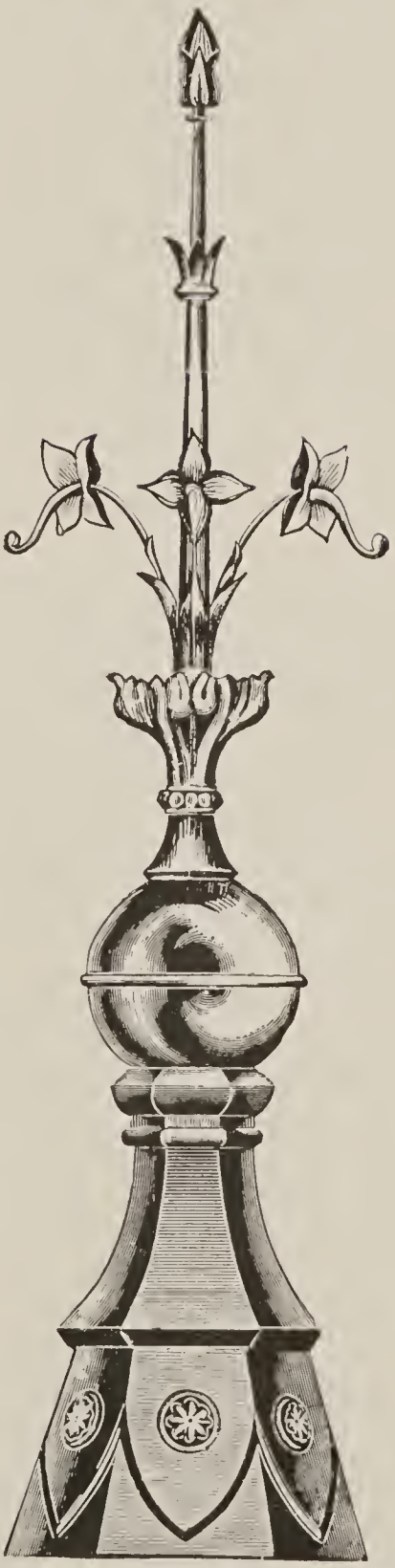


Fig. 571
Made 6, 8 and 10 ft. high.

Other heights can be furnished when desired.
Prices on application, stating requirements.

FINIALS.

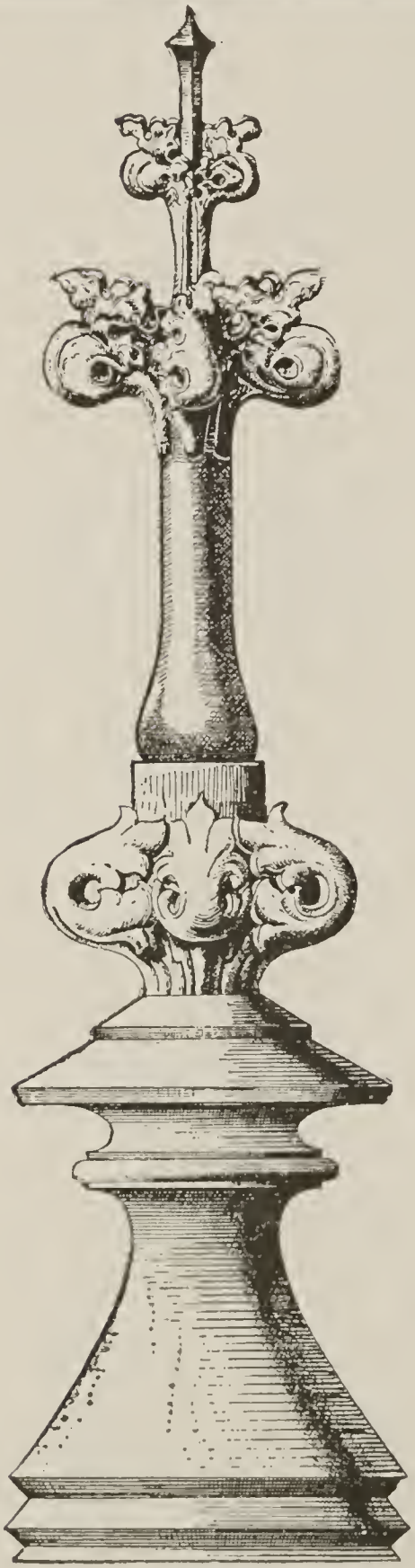


Fig. 566
Made 6, 8 and 10 ft. high.

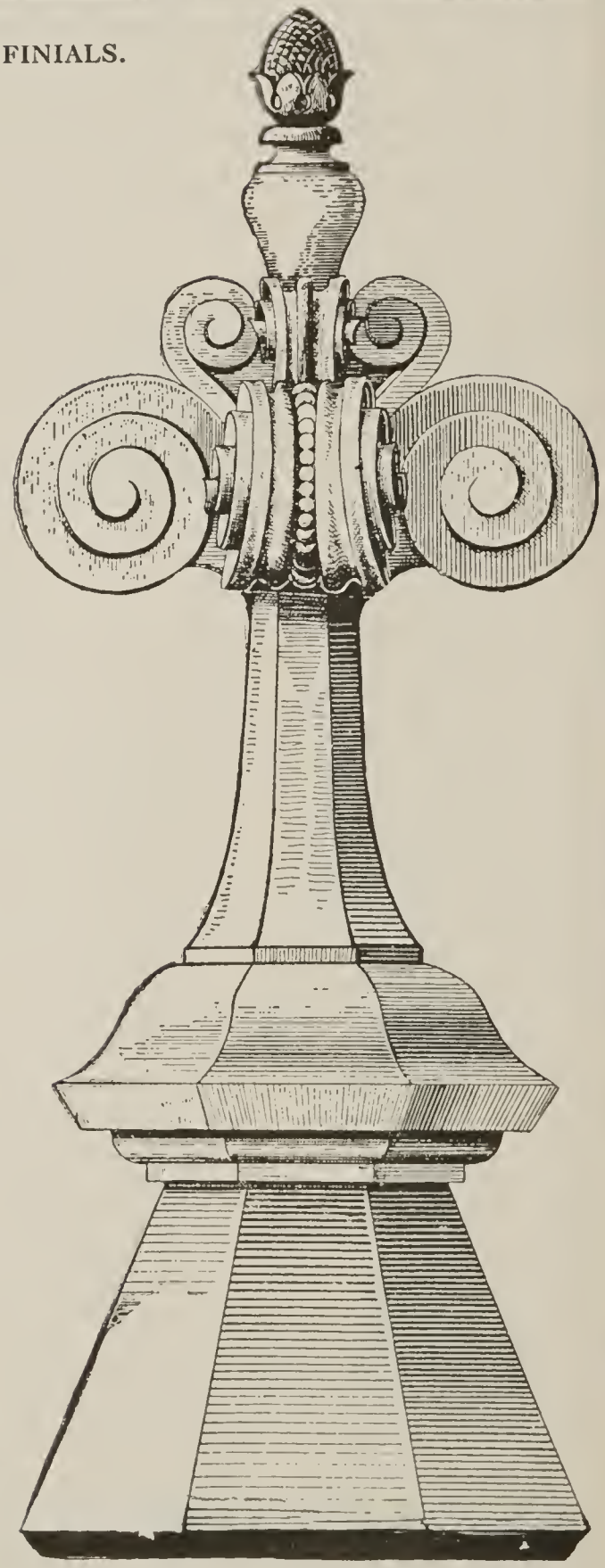


Fig. 567.
Made 6, 8 and 10 ft. high.

Other heigths can be furnished when desired.

Prices on application, stating requirements.

FINIALS AND VANES.

Fig. 561
Made 6, 8 and 10 ft. high

Fig. 602.
Made 6, 8 and 10 ft. high.

Other heights can be furnished when desired.
Prices on application, stating requirements.

FINIALS.

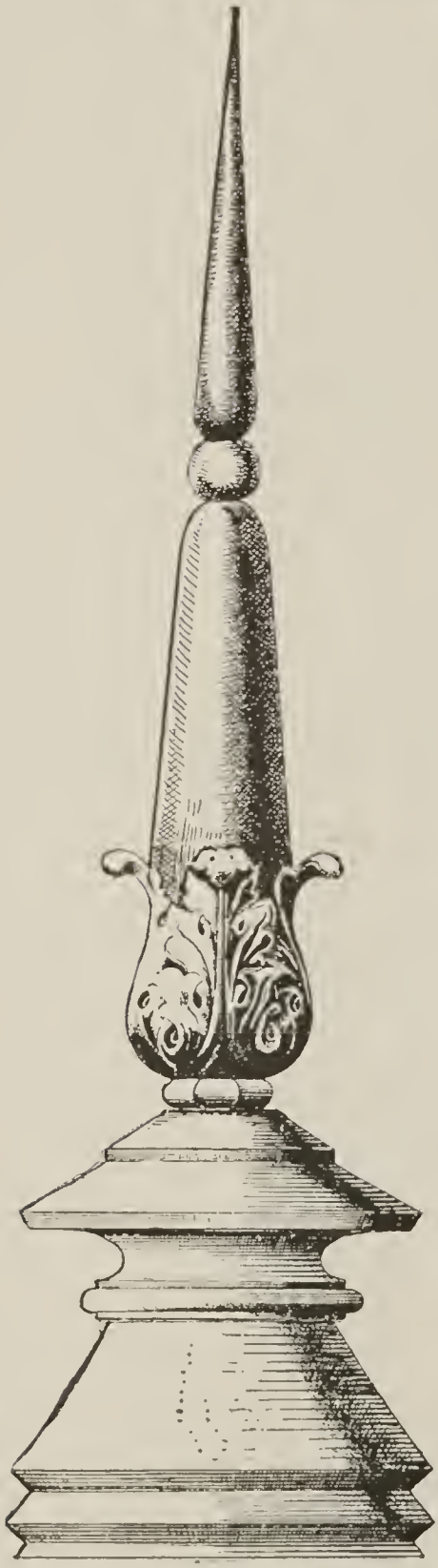


Fig. 564
Made 8, 10 and 12 ft. high

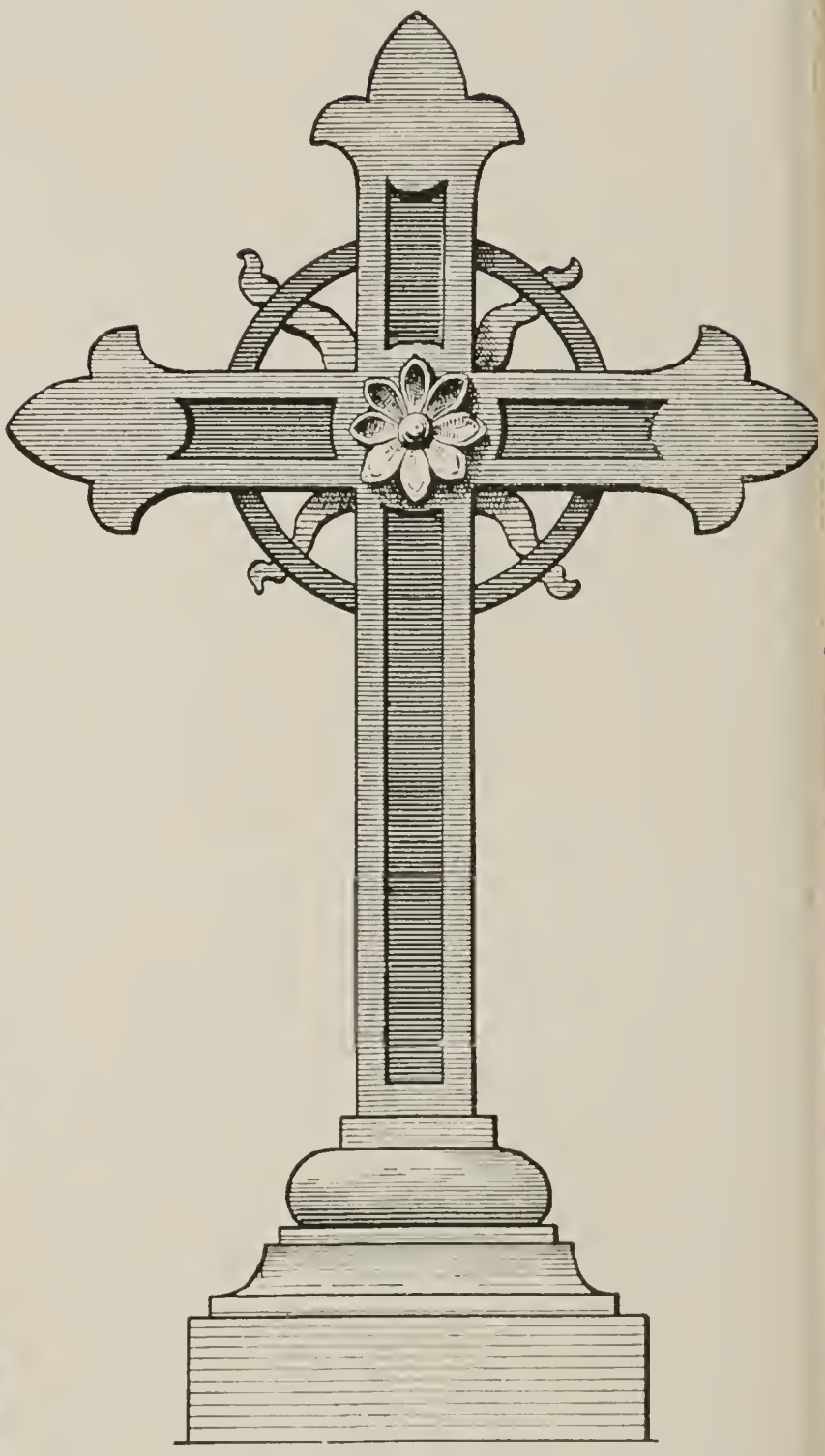


Fig. 565.
Made 6, 8 and 10 ft. high.

Other heights can be furnished when desired.
Prices on application, stating requirements.

HIP CAPS.

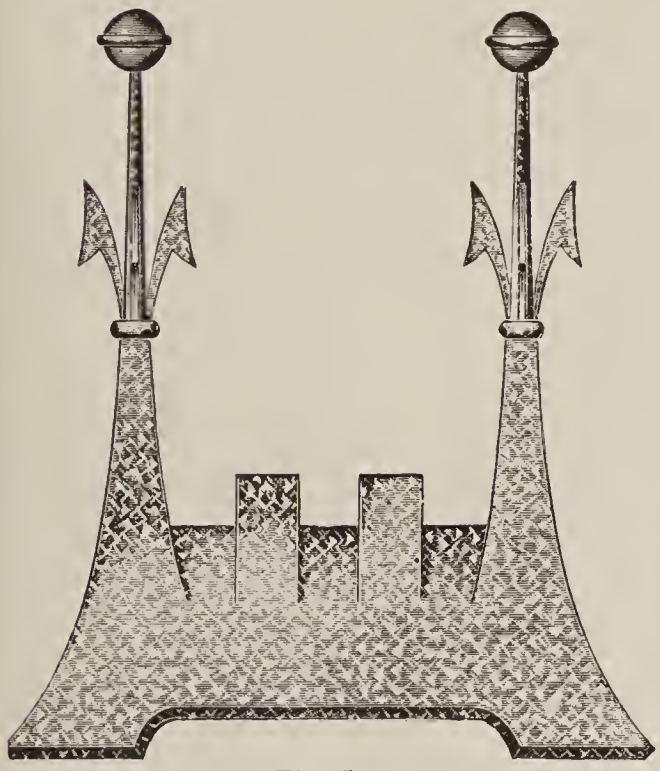


Fig. 584.

Fig. 585.

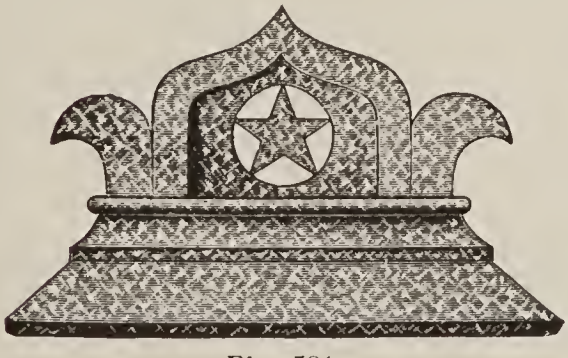


Fig. 586.

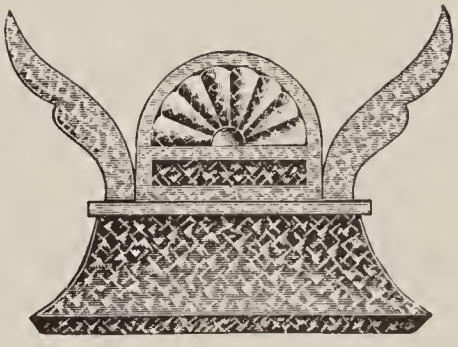


Fig. 587.

Made any height and for any length ridge.

Prices on application, stating requirements.

VANES.

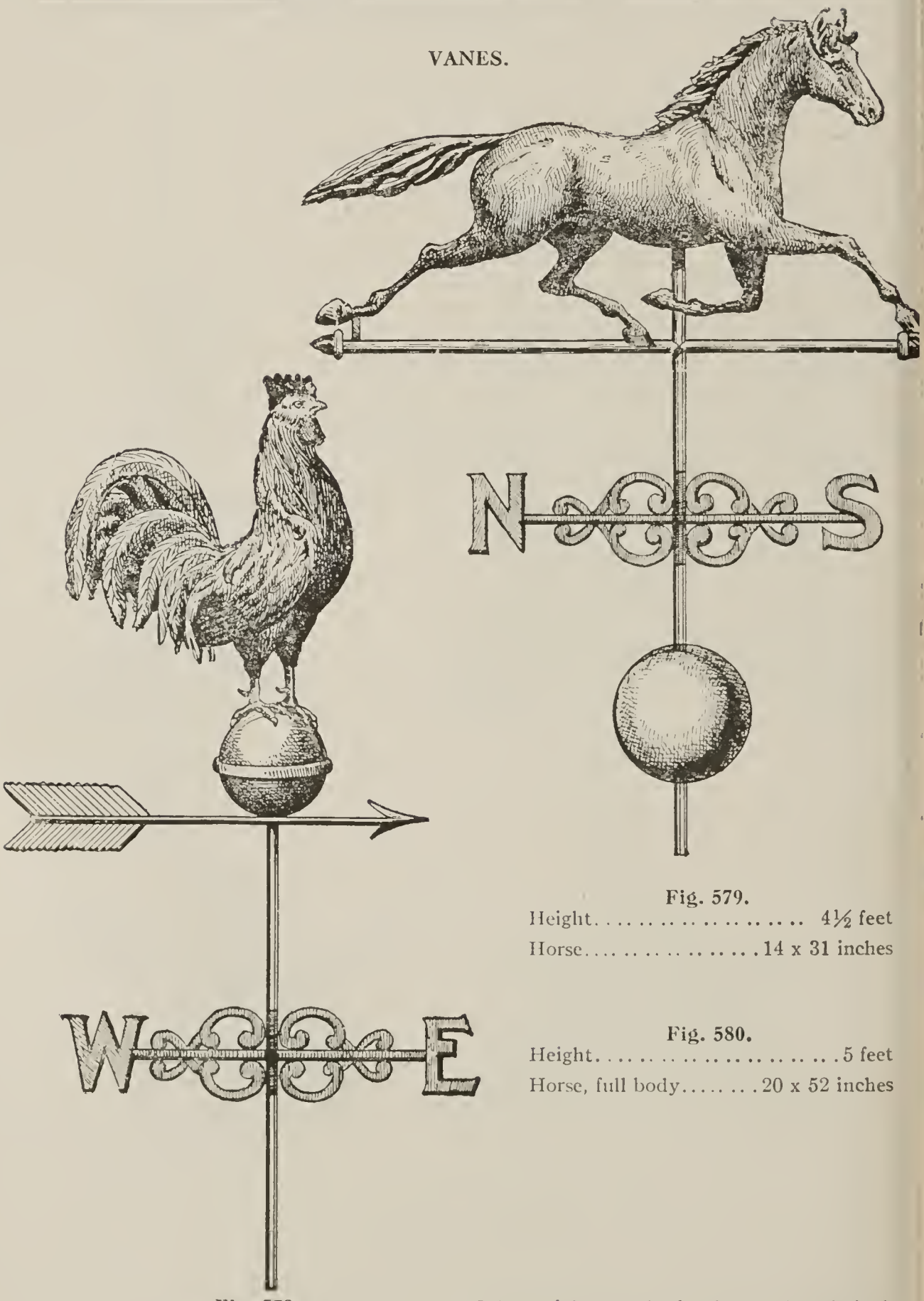


Fig. 578.
Height, 4½ feet. Full Body.

Fig. 579.
Height..... 4½ feet
Horse.....14 x 31 inches

Fig. 580.
Height.....5 feet
Horse, full body.....20 x 52 inches

Other heights can be furnished when desired.
Prices on application, stating requirements.

VANES.

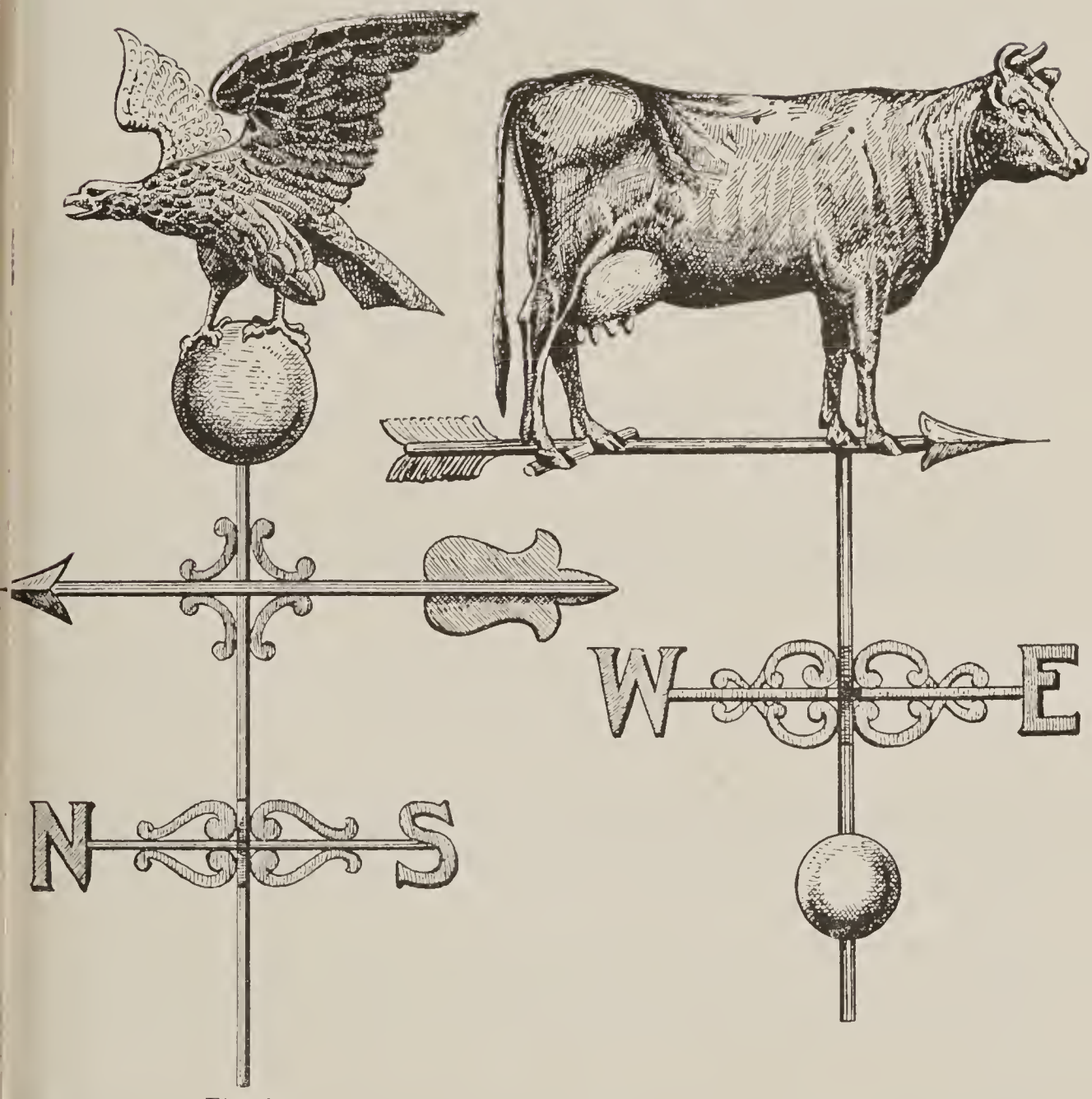


Fig. 581.

Height.....5 feet
Eagle Spread.....30 inches

Fig. 582.

Height.....5 feet
Eagle Spread.....3 fect

Fig. 583.

Height.....5 feet
Cow.....18 x 32 inches

Other heights can be furnished when desired.
Prices on application, stating requirements.

CORNICE.

Made from Galvanized and Copper Sheets.

Each Cornice must be made up after measurements are received, which requires time, and it is important that orders be placed early so that they may be delivered by the time the goods are needed.

In ordering Cornice ALWAYS give extreme length, including End Blocks. We will positively not be responsible for any errors made in measuring, nor will ANY CHANGE be made after work is started, except at the EXPENSE of PARTIES ordering; orders are not subject to cancellation without our consent.

END BLOCKS ARE ALL MADE WITH 13-INCH FACE UNLESS OTHERWISE ORDERED.

Cornices are all special and the importance of having correct measurements before the work is started is plain to everyone.

Designs can be modified to suit requirements.

We do not return plans sent us to work by until material has been accepted and paid for.

Quotations on Cornice Work do not include roof, except when so stated.

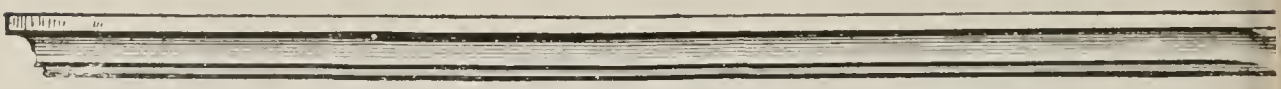


Fig. 626. Height, 6 inches; Projection, 5 inches.

Fig. 627. Height, 6 inches; Projection, 6 inches.

Fig. 628. Height, 9 inches; Projection, 5 inches.

Fig. 629. Height, 9 inches; Projection, 5 inches.

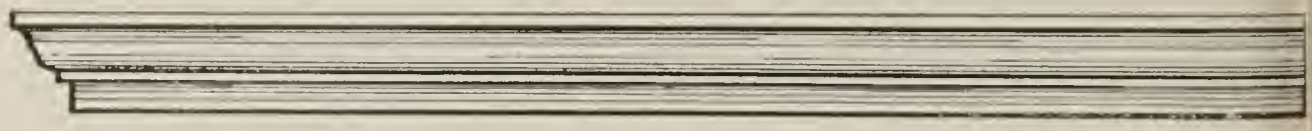


Fig. 630. Height, 10 inches; Projection, 5 inches.

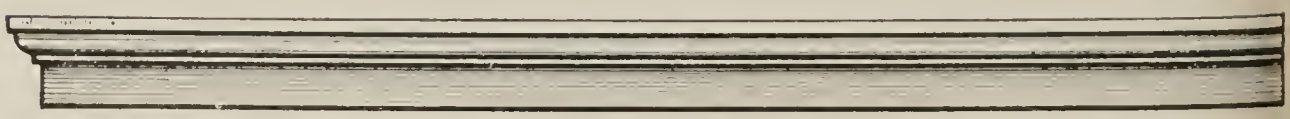


Fig. 631. Height, 12 inches; Projection, 6 inches.

Fig. 632. Height, 12 inches; Projection, 9 inches. Prices on application, stating requirements.

CORNICE.

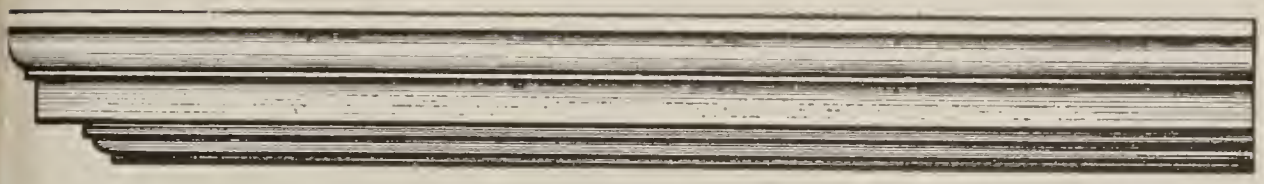


Fig. 633.
Made 10, 12, 15 and 20 inches high; 10, 12, 15 and 20 inches projection.

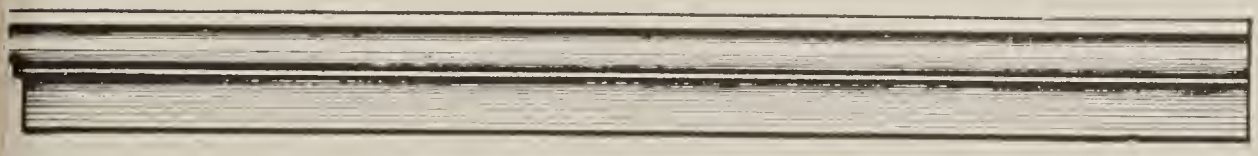


Fig. 634.
Made 6, 8, 10 and 12 inches high; 4, 5, 6 and 7 inches projection.

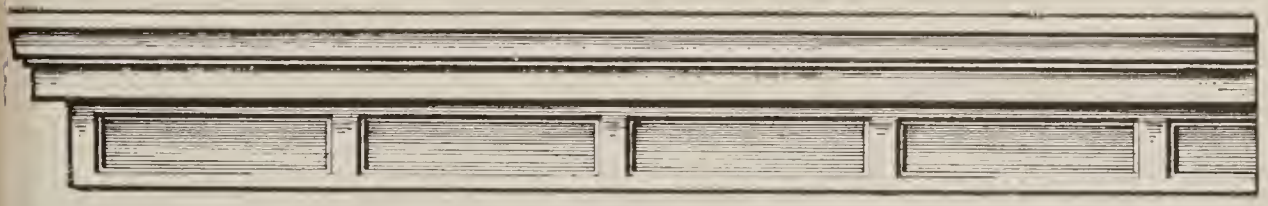


Fig. 635.
Made 18, 24 and 30 inches high; 10, 12 and 15 inches projection.

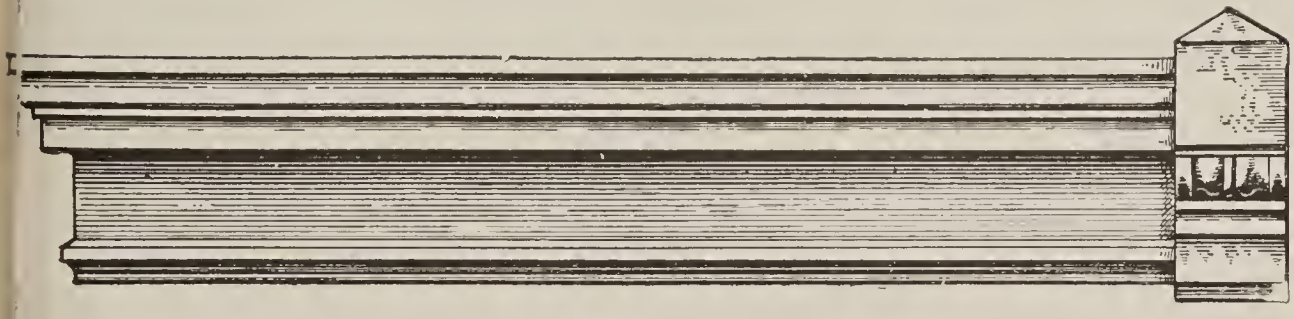


Fig. 636.
Made 24, 30 and 36 inches high; 10, 12 and 15 inches projection.

Fig. 637.
Made 20 and 30 inches high;
10 and 15 inches projection.

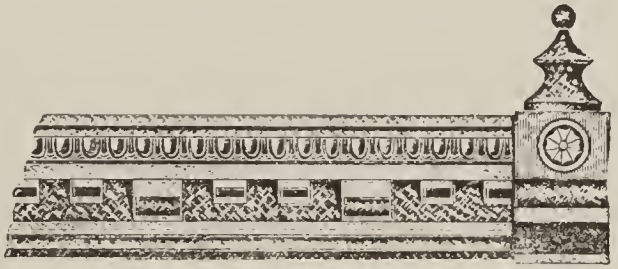


Fig. 638.
Made 24 and 30 inches high;
12 and 15 inches projection.

Prices on application, stating requirements.

CORNICE.

Fig. 639.

Made 18, 24 and 30 inches high; 9, 12 and 15 inches projection.

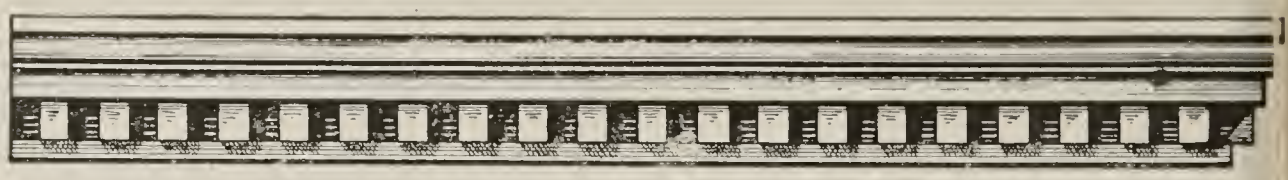


Fig. 640.

Made 8, 12 and 16 inches high; 5, 7 and 9 inches projection.

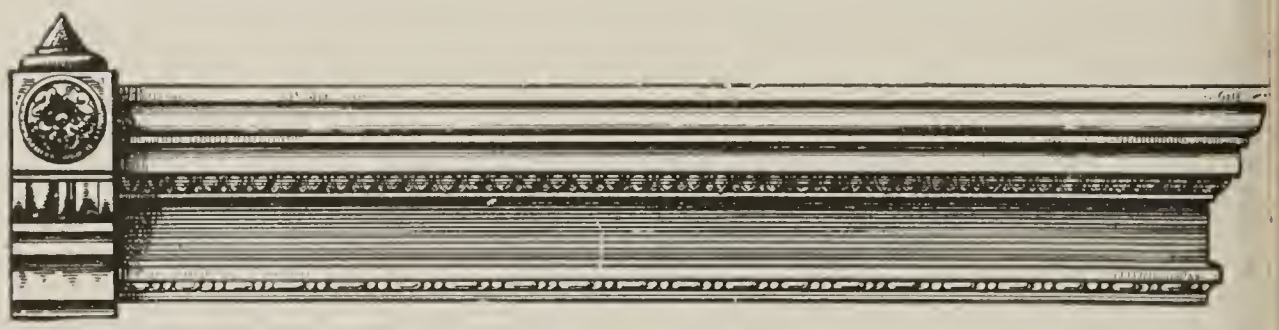


Fig. 641.

Made 26, 30 and 36 inches high; 10, 12 and 15 inches projection.

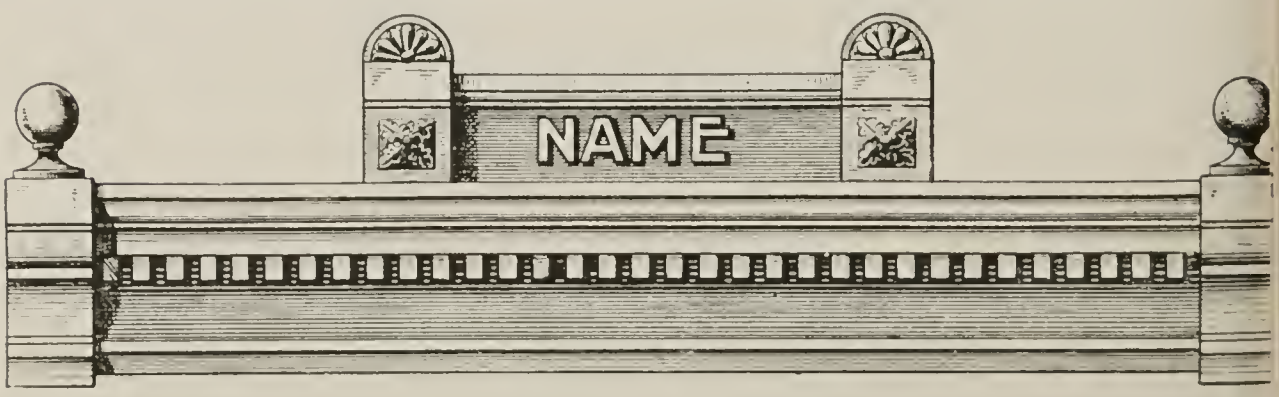


Fig. 642.

Made 24, 30 and 36 inches high; 12, 15 and 18 inches projection.

Pediment made in any length desired, height in proportion to cornice.

Prices on application, stating requirements.

CORNICE.

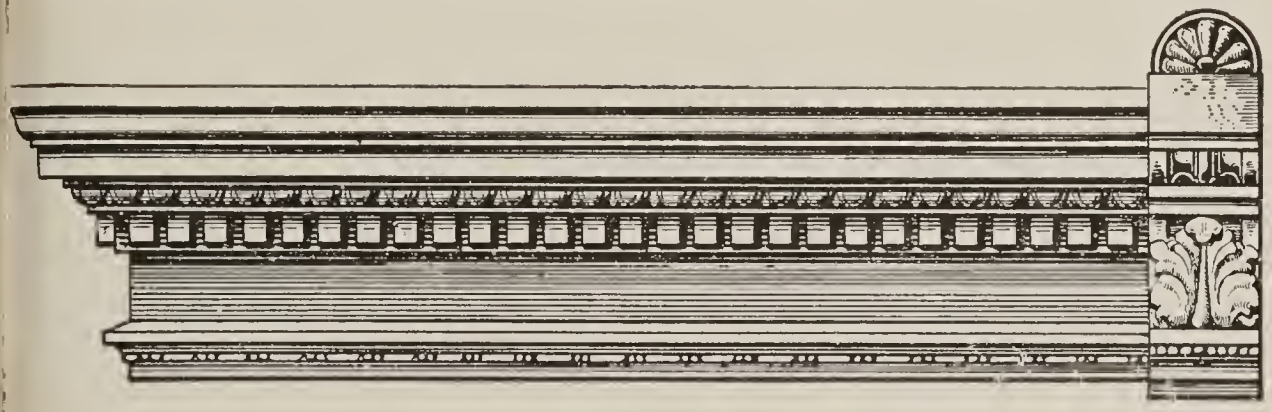


Fig. 643.
Made 30, 36 and 42 inches high; 15, 18 and 20 inches projection.

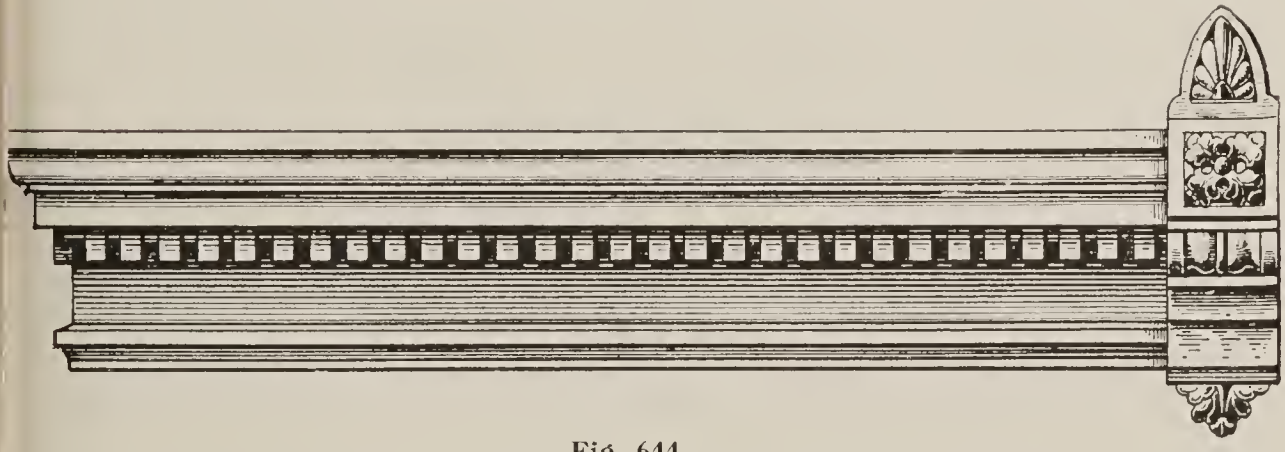


Fig. 644.
Made 24, 30 and 36 inches high; 12, 15 and 18 inches projection.

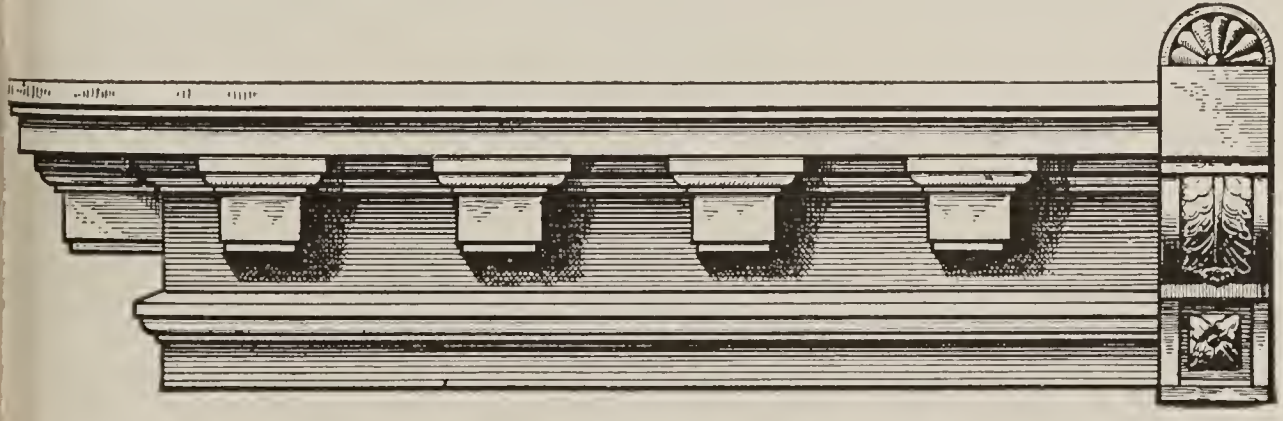


Fig. 645.
Made 30, 40 and 50 inches high; 15, 20 and 24 inches projection.
Prices on application, stating requirements.

CORNICE.

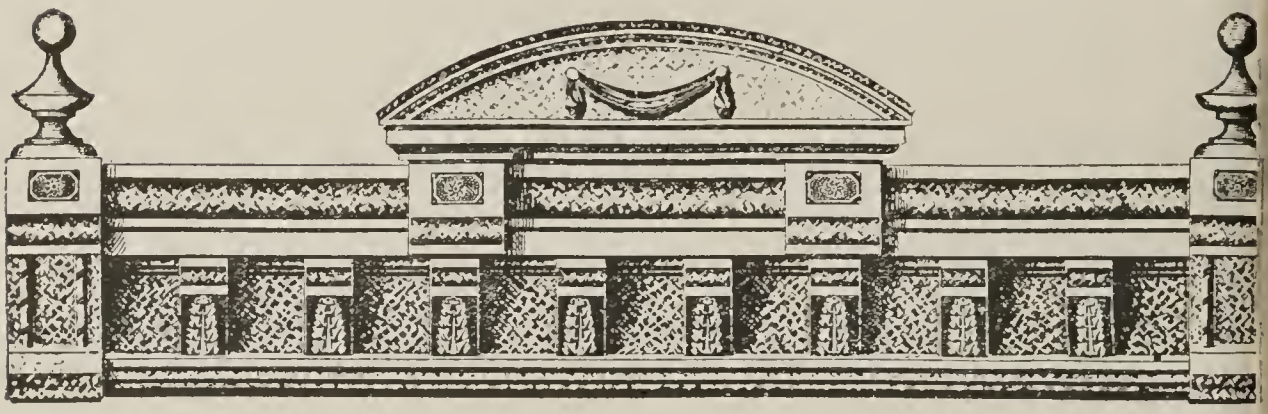


Fig. 646.
Made 30, 36 and 42 inches high; 15, 18 and 20 inches projection.

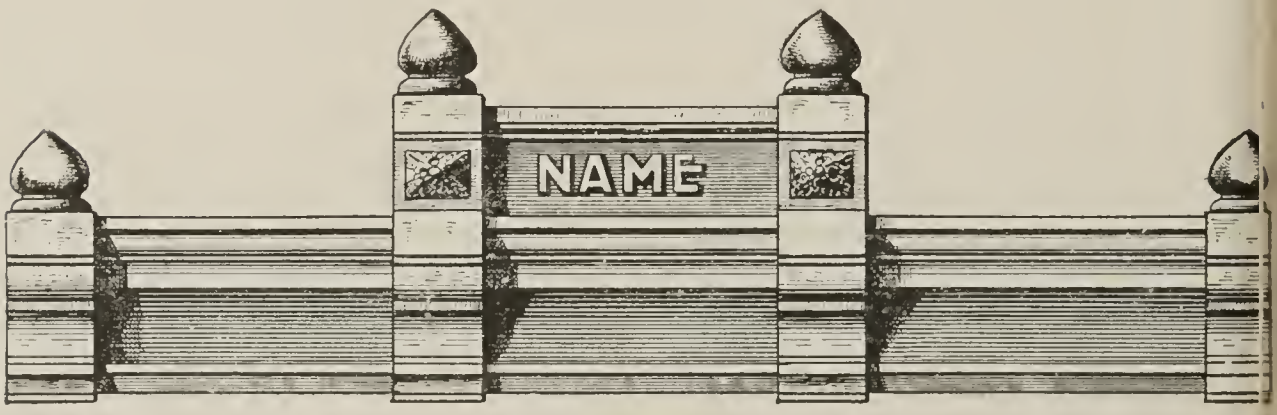


Fig. 647.
Made 28, 32 and 36 inches high; 14, 16 and 18 inches projection.

Fig. 648.
Made 30, 36 and 42 inches high; 15, 18 and 20 inches projection.
Pediment made any length desired, height in proportion to cornice.
Prices on application, stating requirements.

CORNICE.

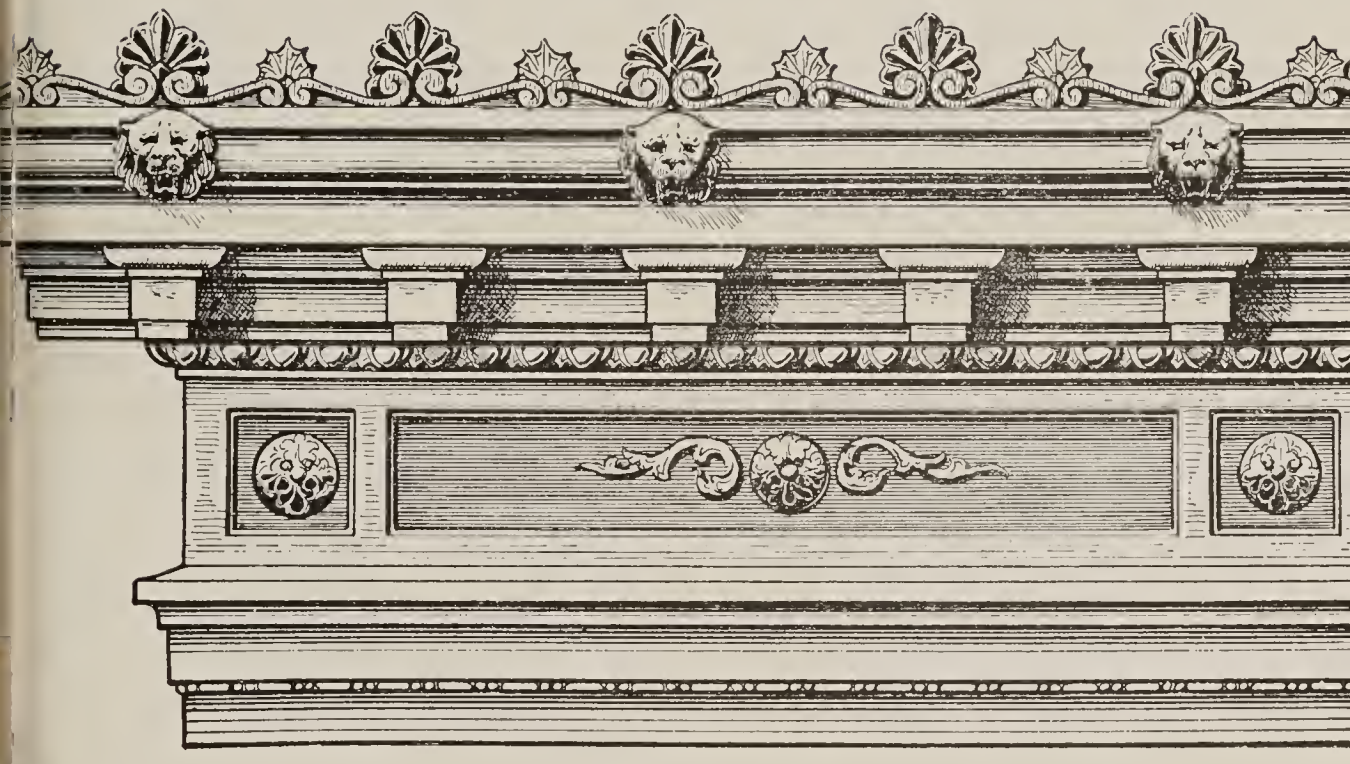


Fig. 664.
Made 60, 72 and 84 inches high; 30, 36 and 48 inches projection.

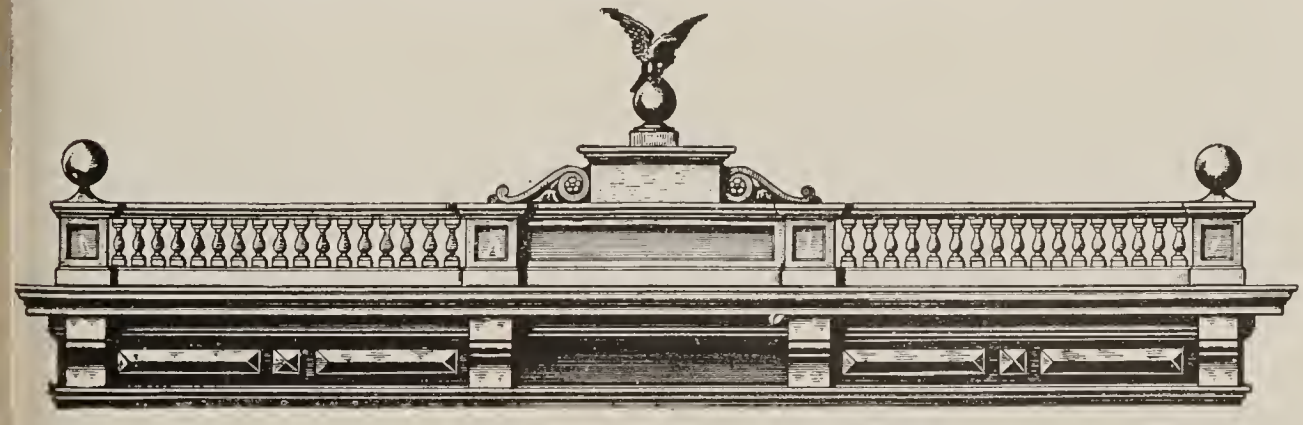


Fig. 665.
Made 60, 70 and 80 inches high; 30, 36 and 40 inches projection.

Fig. 666.
Made 20, 28 and 32 inches high; 12, 15 and 20 inches projection.
Prices on application, stating requirements.

CORNICE.

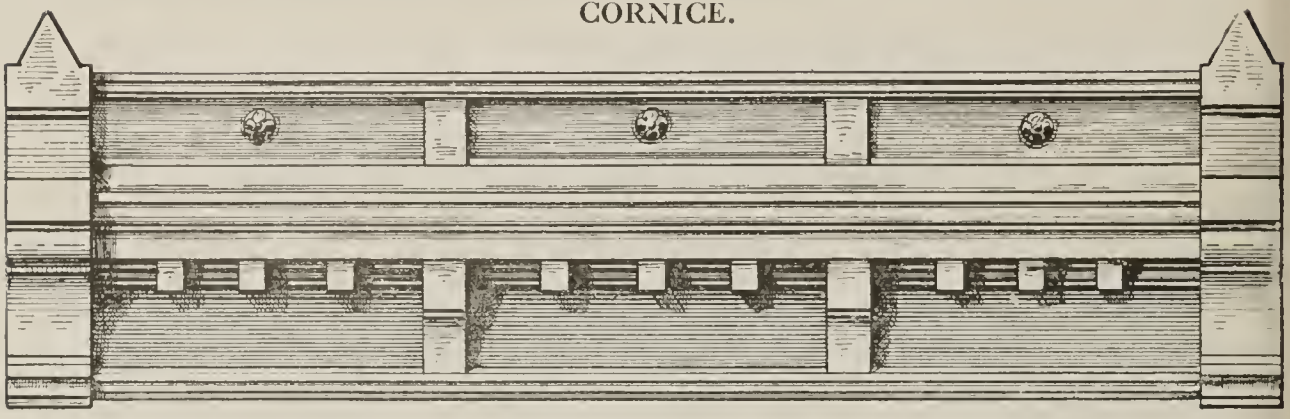


Fig. 649. Made 40, 50 and 60 inches high; 18, 20 and 24 inches projection.

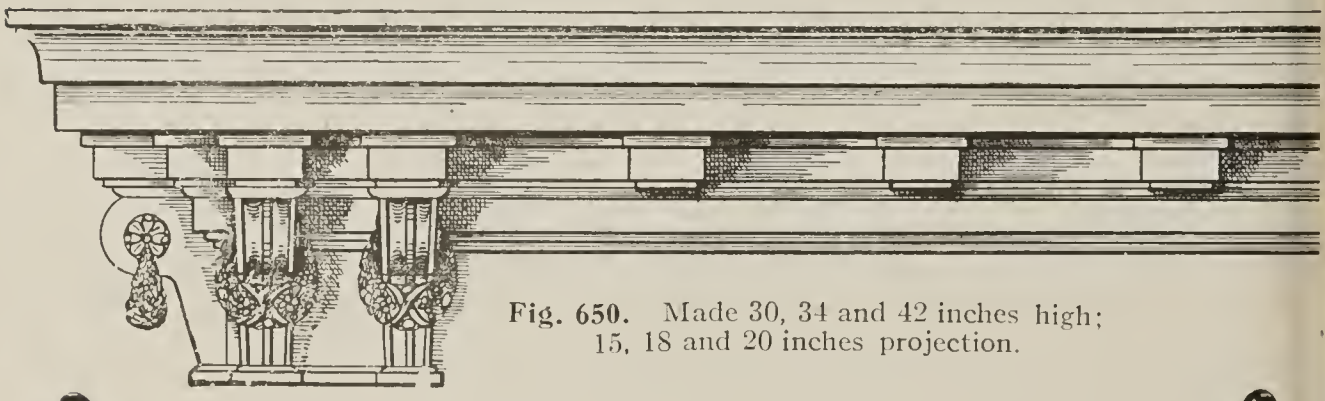


Fig. 650. Made 30, 34 and 42 inches high; 15, 18 and 20 inches projection.

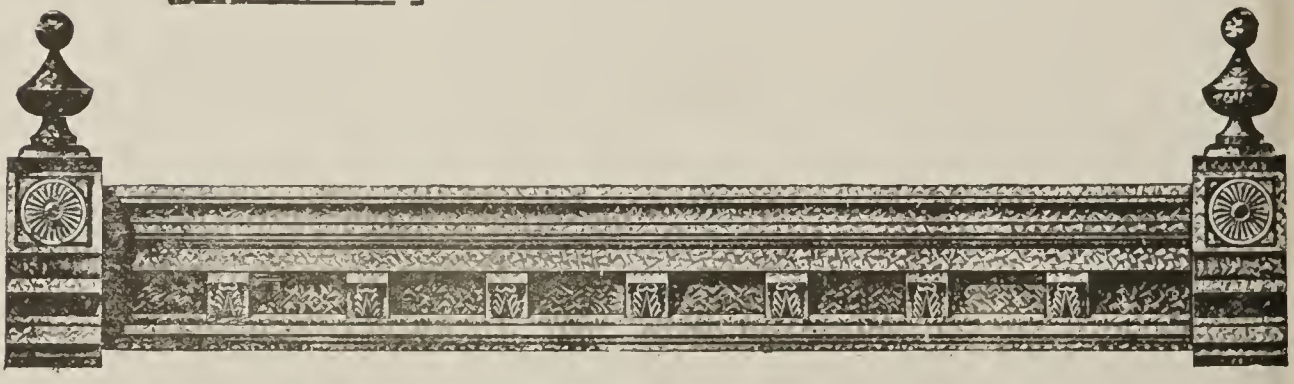


Fig. 651. Made 26, 28 and 30 inches high; 12, 14 and 16 inches projection.

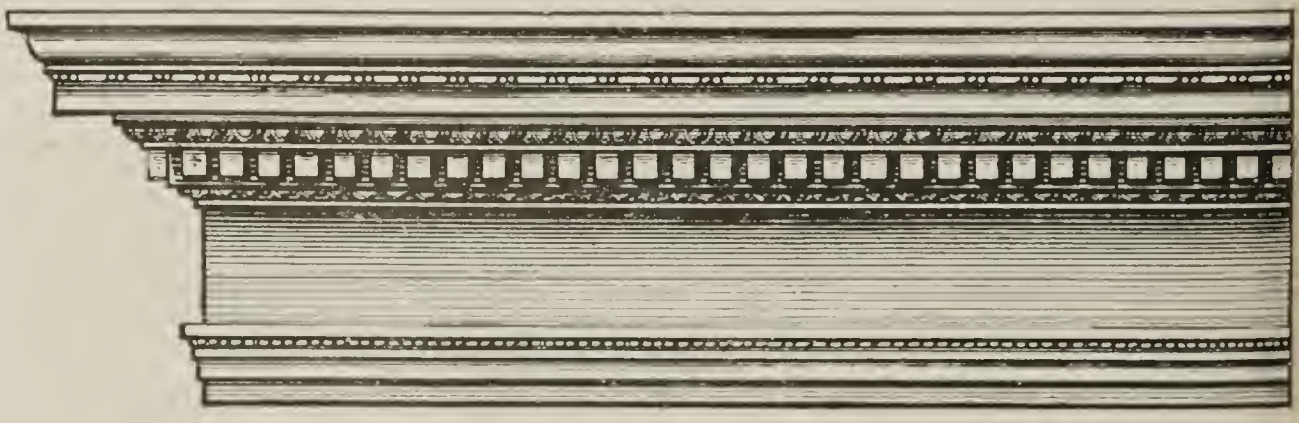


Fig. 652. Made 48, 60 and 72 inches high; 24, 30 and 36 inches projection.
Prices on application, stating requirements.

CORNICE.

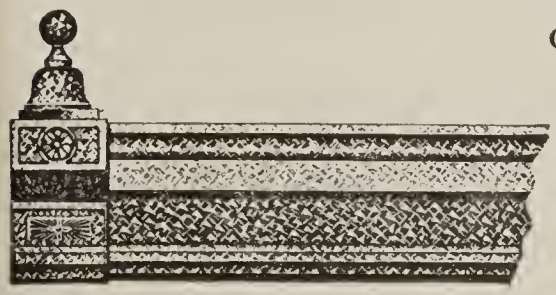


Fig. 655.
Height, 20 inches; Projection, 10 inches.

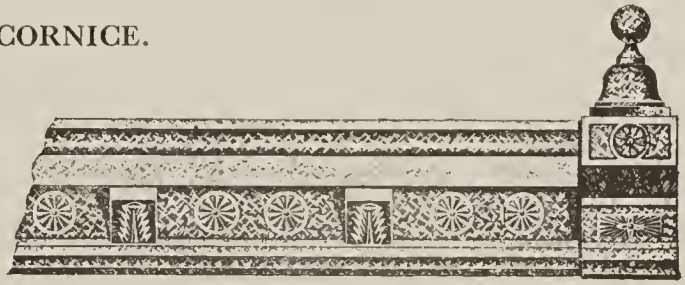


Fig. 656.
Height, 24 inches; Projection, 12 inches.

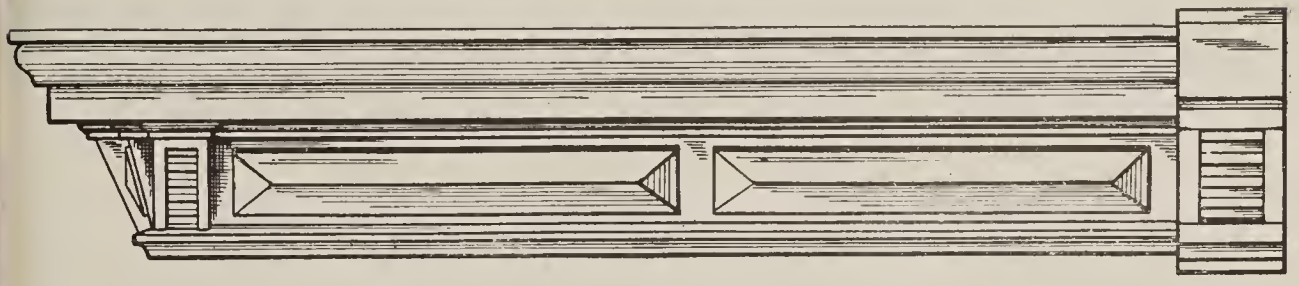


Fig. 657. Height, 28 inches; Projection, 14 inches.

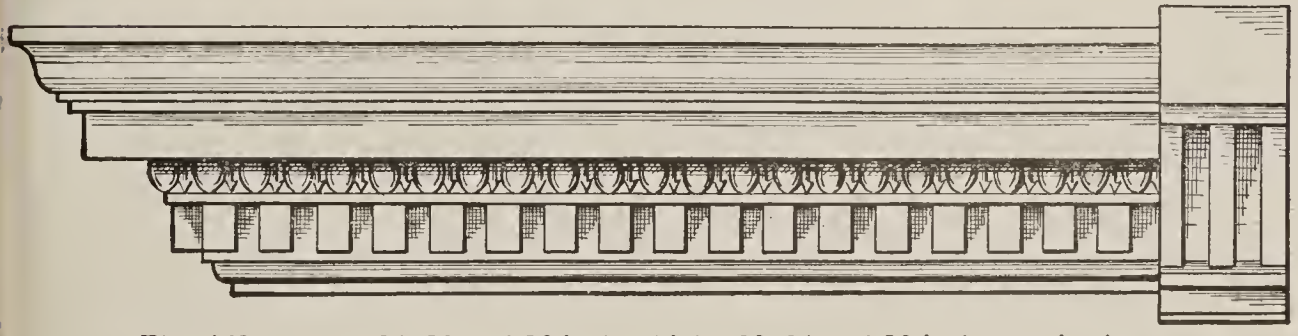


Fig. 658. Made 24, 30 and 36 inches high; 20, 24 and 30 inches projection

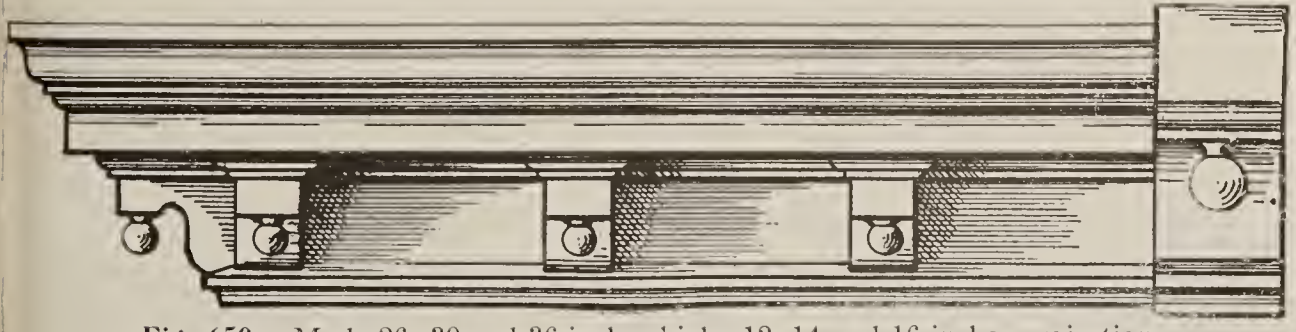


Fig. 659. Made 26, 30 and 36 inches high; 12, 14 and 16 inches projection.

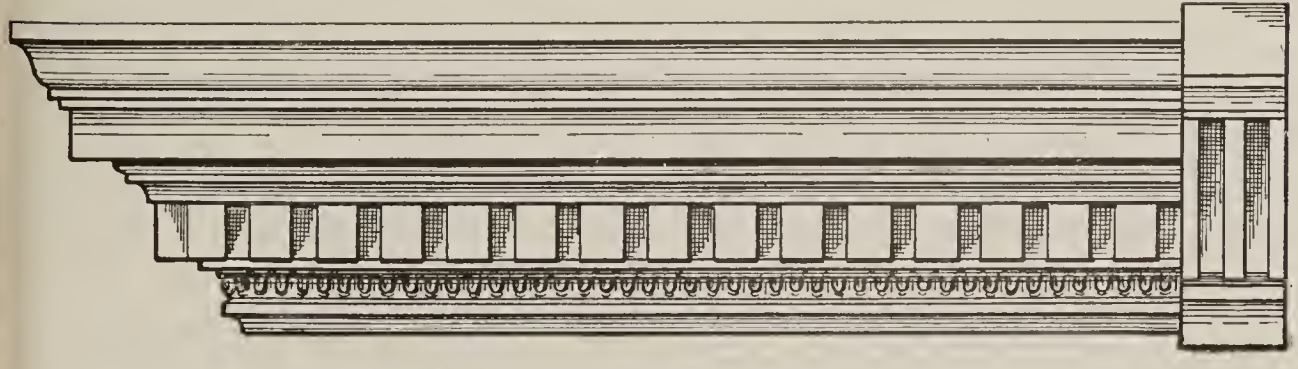


Fig. 660. Made 30, 36 and 40 inches high; 24, 30 and 36 inches projection.
Prices on application, stating requirements.

CORNICE.

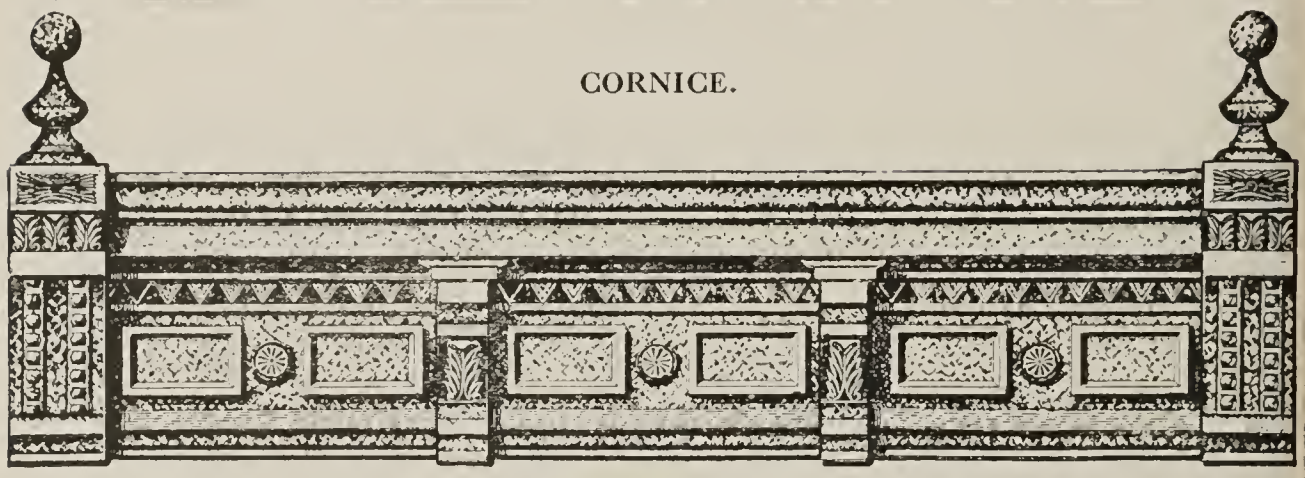


Fig. 668.
Made 30, 36 and 48 inches high; 15, 20 and 24 inches projection.

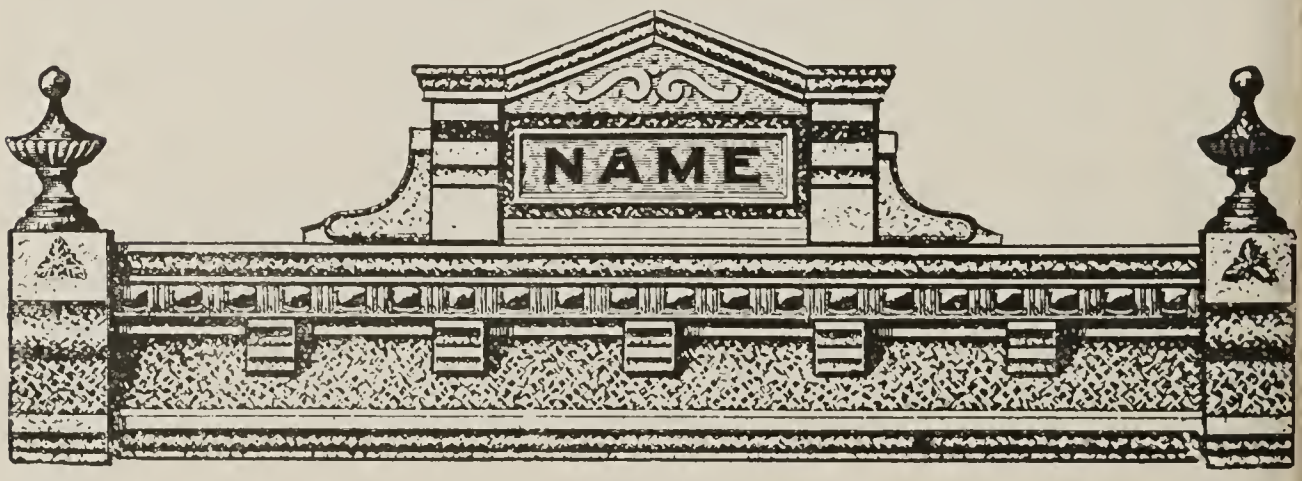


Fig. 669.
Height, 28 inches; Projection, 14 inches.

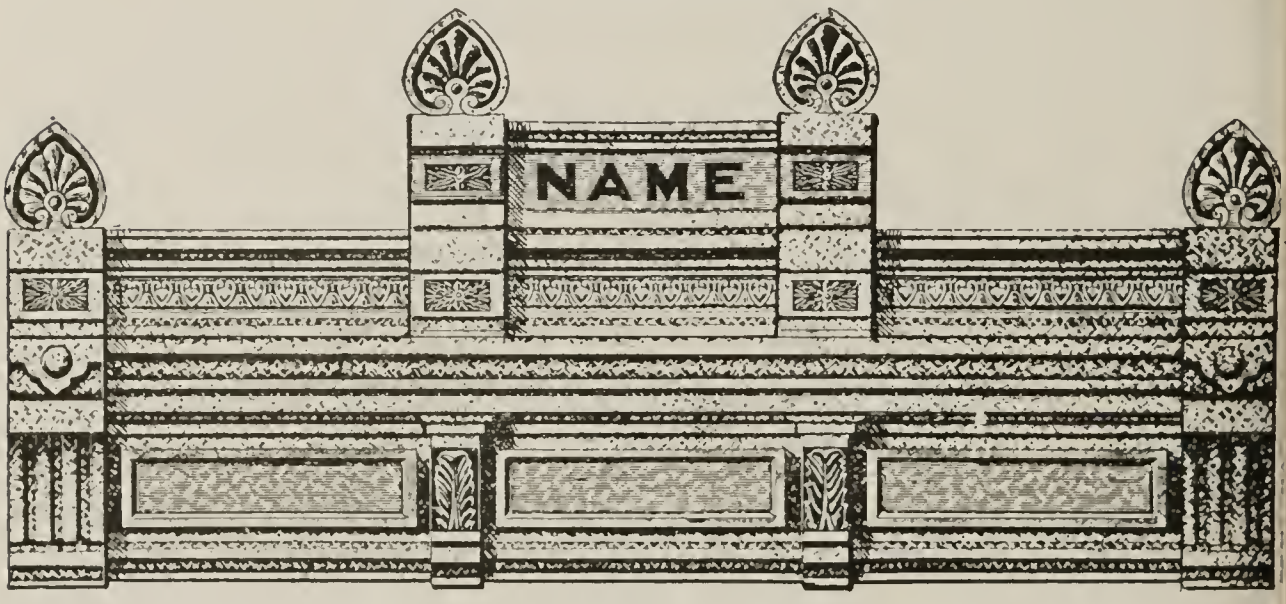


Fig. 670.
Made 45, 52 and 72 inches high; 16, 20 and 36 inches projection.
Pediment made any length desired, height in proportion to cornice
Prices on application, stating requirements.

CORNICE.

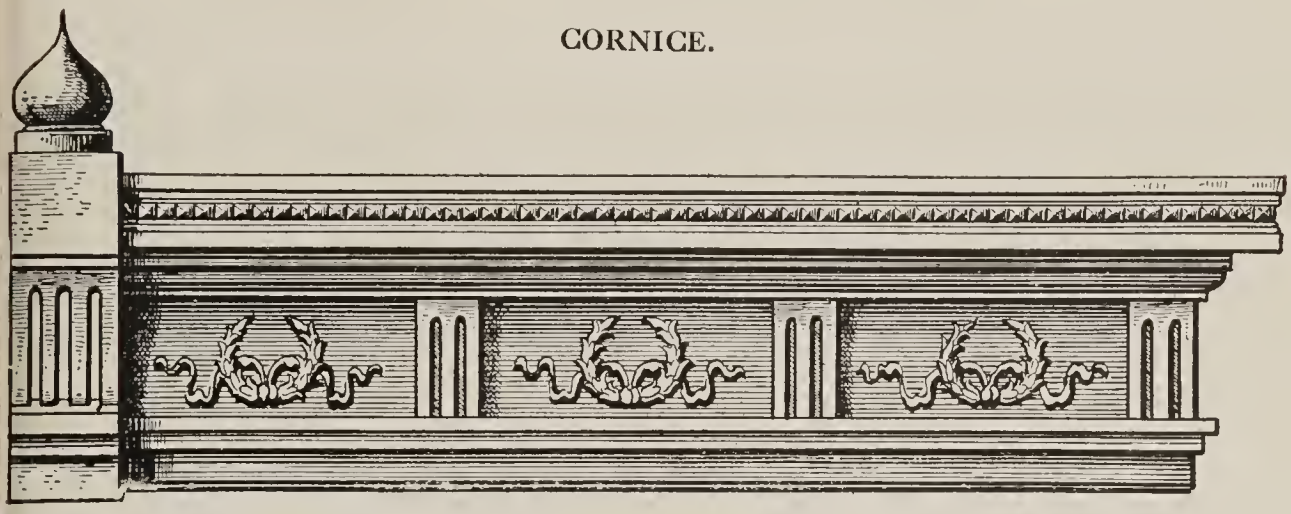


Fig. 667.
Made 30, 36 and 48 inches high; 12, 15 and 20 inches projection.

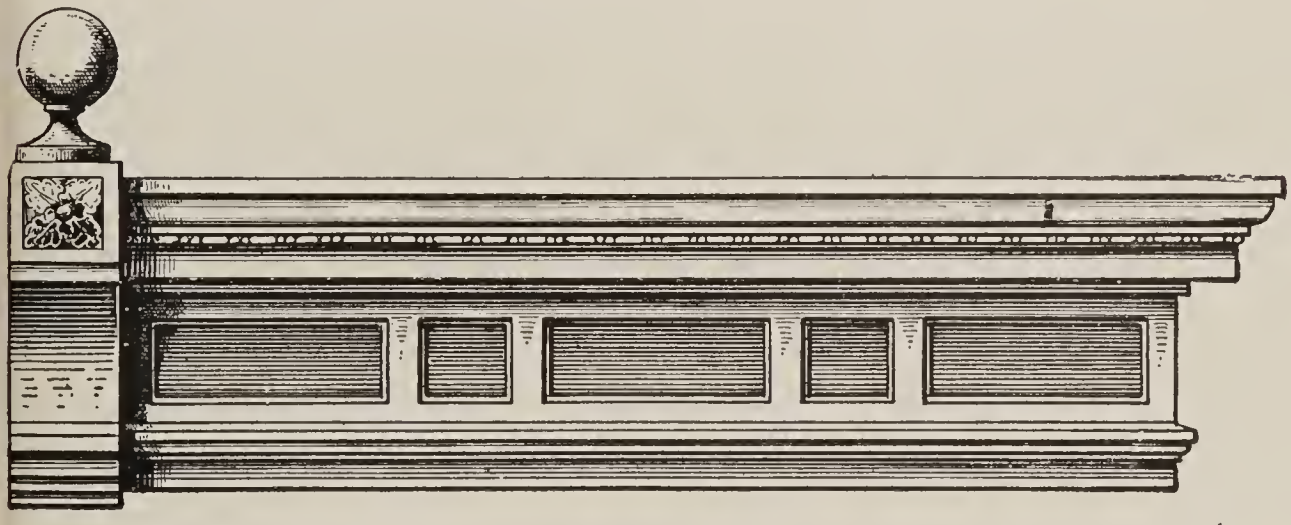


Fig. 671.
Made 26, 30 and 36 inches high; 10, 12 and 15 inches projection.

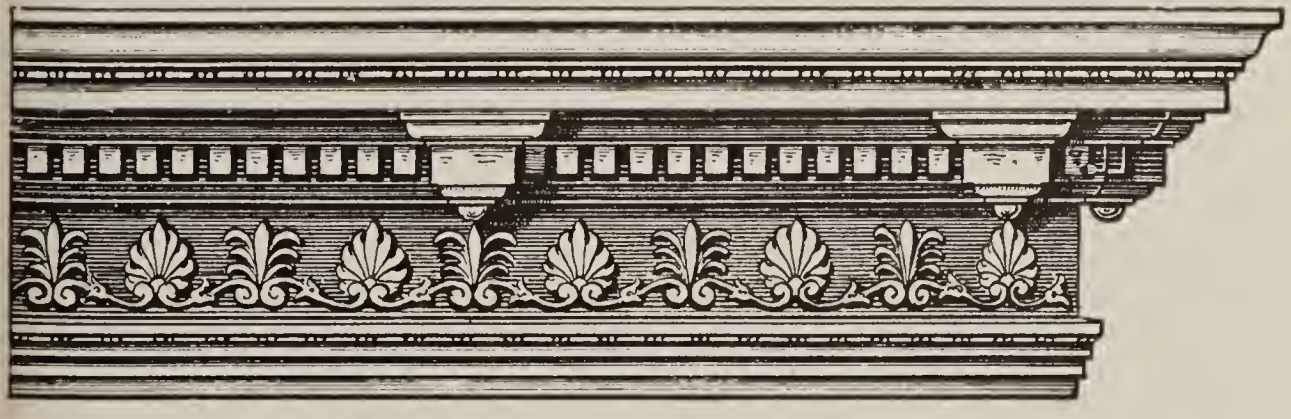


Fig. 672.
Made 36 and 48 inches high; 20 and 30 inches projection.
Prices on application, stating requirements.

CORNICE.

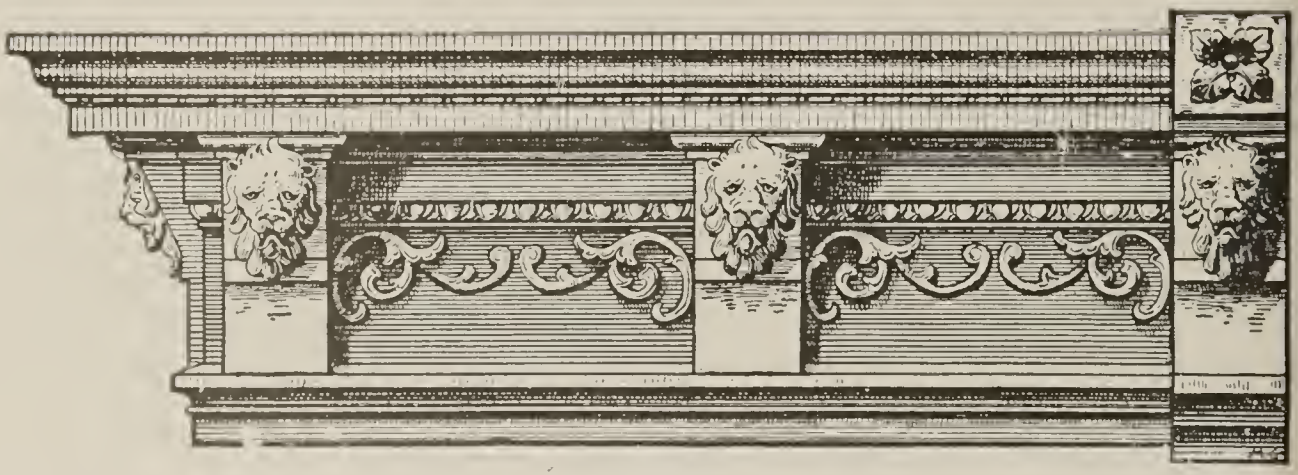


Fig. 675.
Height, 42 inches; Projection, 22 inches.

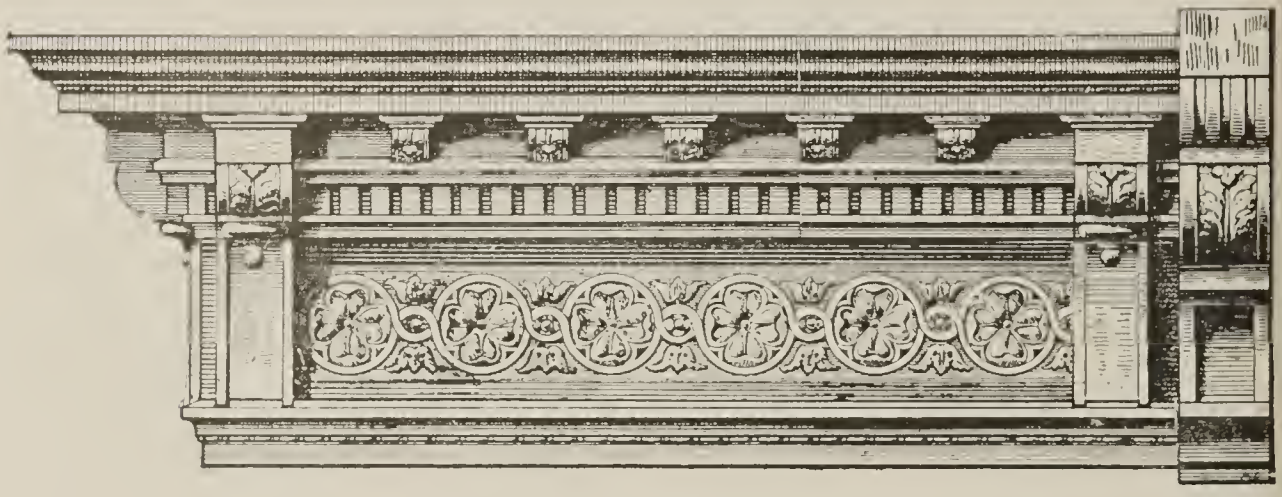


Fig. 676.
Height, 50 inches; Projection, 24 inches.

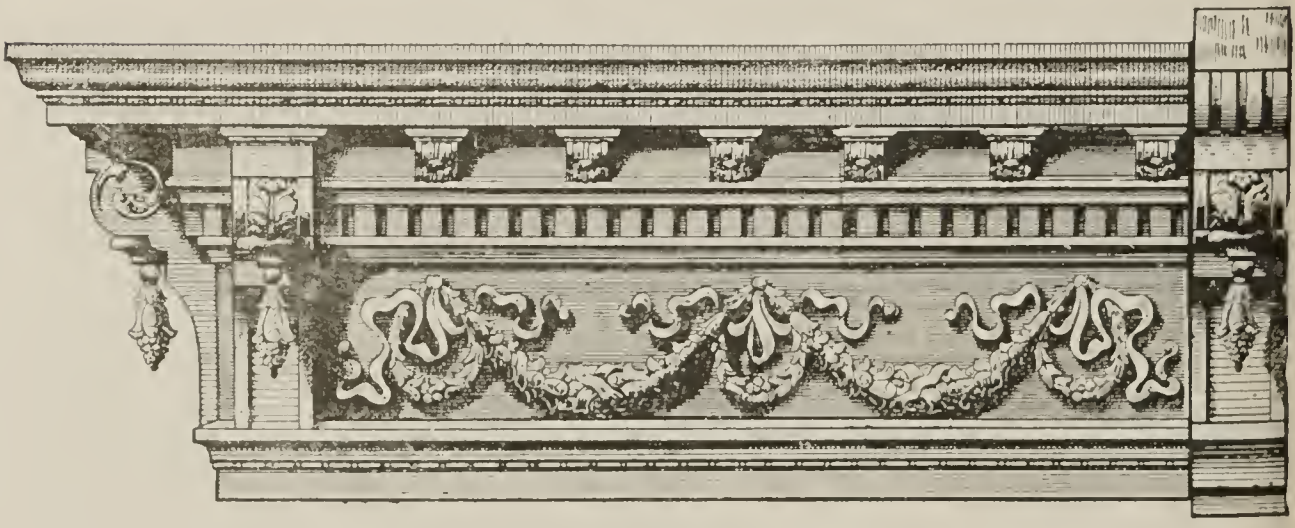


Fig. 677.
Height, 48 inches; Projection, 24 inches
Prices on application, stating requirements.

CORNICE.

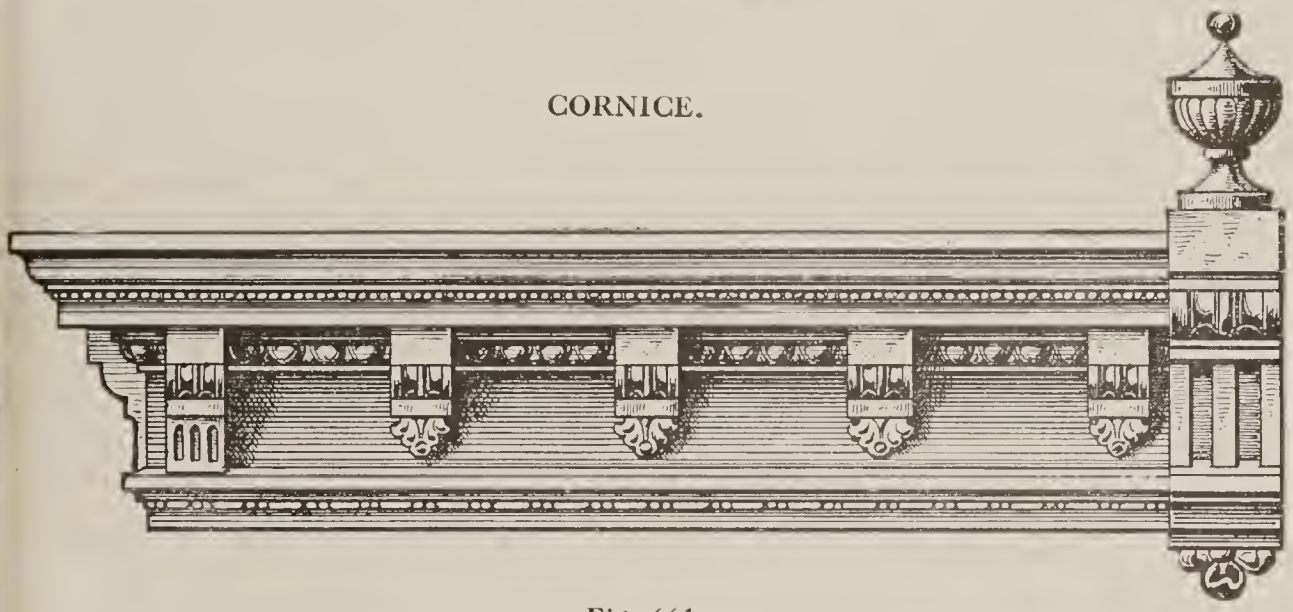


Fig. 661.
Made 28, 34 and 40 inches high; 15, 18 and 20 inches projection.

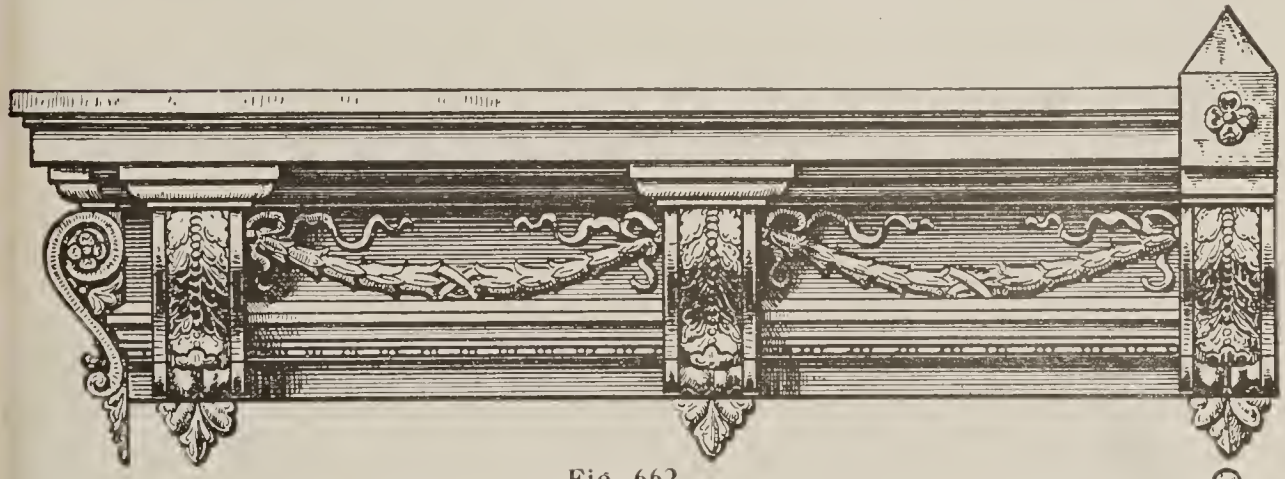


Fig. 662.
Height, 32 inches; Projection, 15 inches.

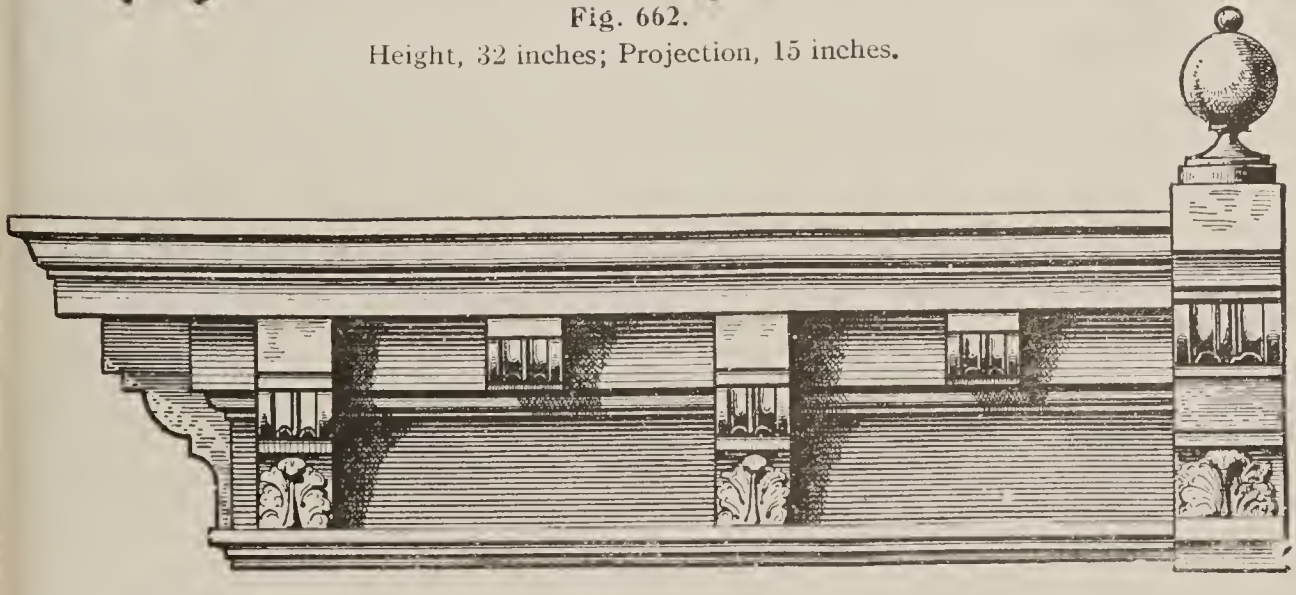


Fig. 663.
Made 38, 48 and 60 inches high; 24, 30 and 35 inches projection.
Prices on application, stating requirements.

CORNICE.

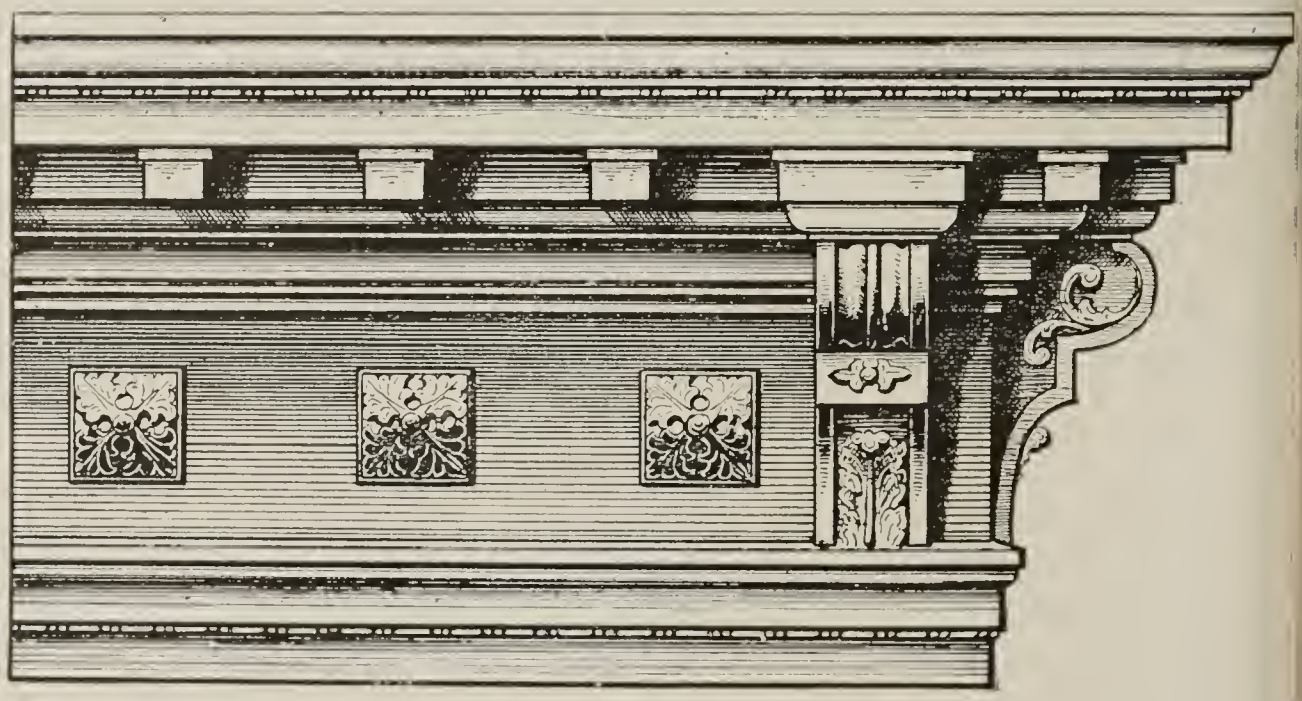


Fig. 653.
Made 36, 48 and 60 inches high; 20, 24 and 30 inches projection.

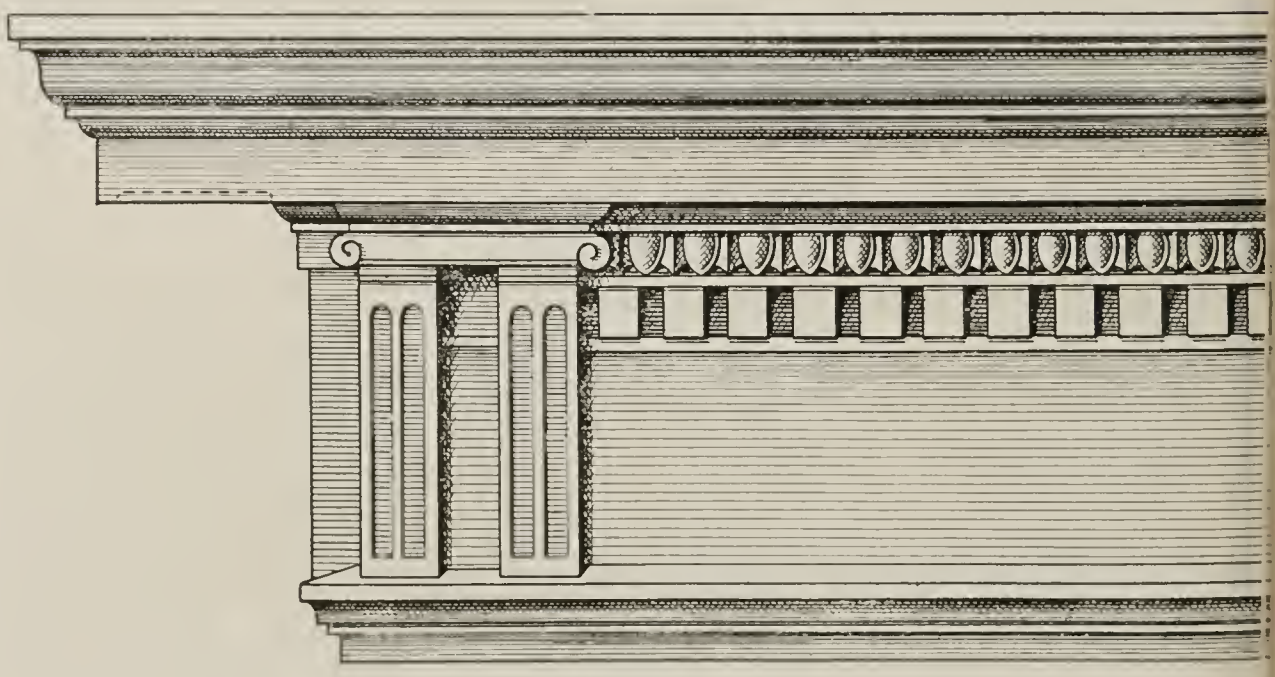


Fig. 654.
Made 36, 42 and 48 inches high; 15, 18 and 20 inches projection.
Prices on application, stating requirements.

CORNICE.

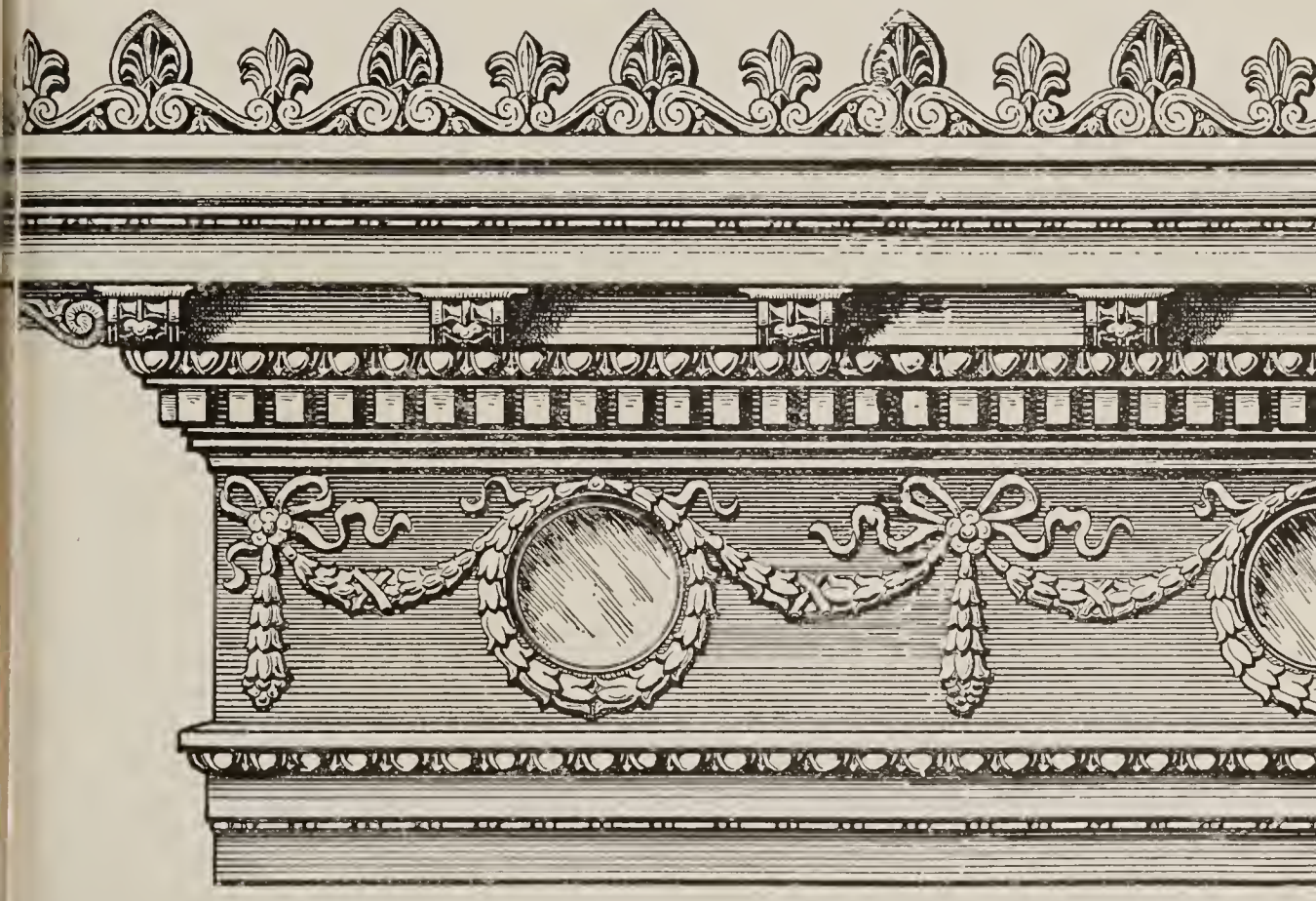


Fig. 673.
Made 48, 60 and 72 inches high: 24, 30 and 36 inches projection.

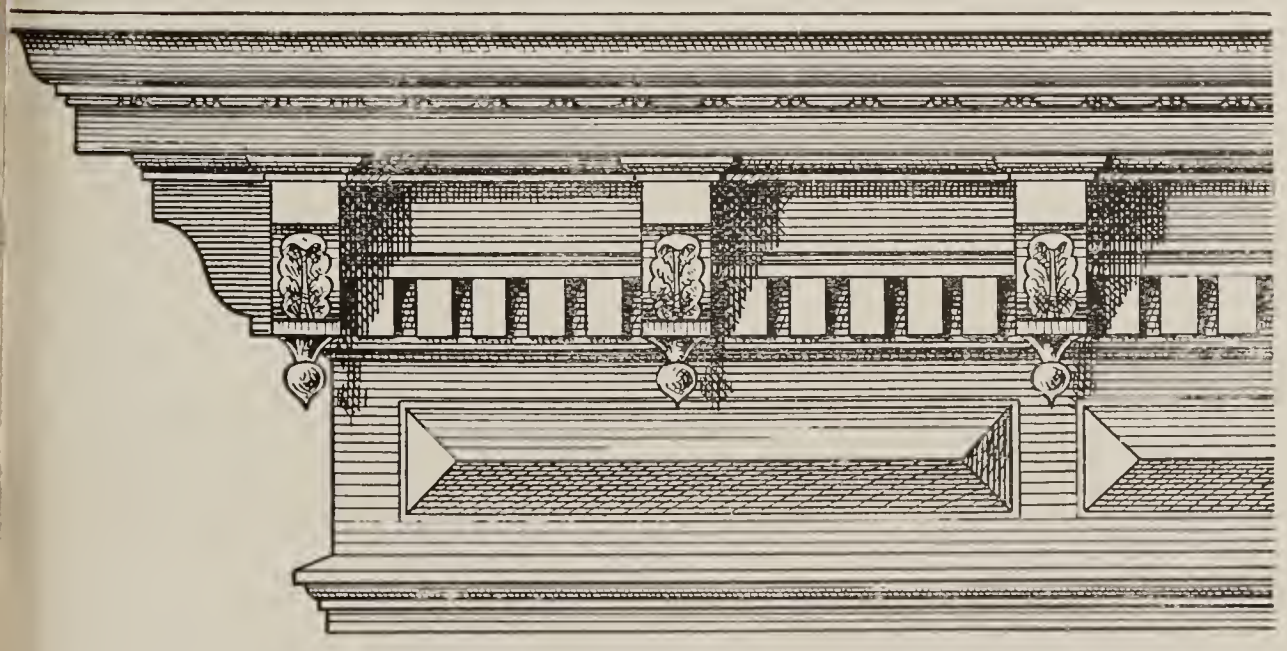


Fig. 674.
Made 36, 48 and 60 inches high; 18, 24 and 30 inches projection.
Prices on application, stating requirements.

STAMPED SHEET METAL BUILDING FRONTS.

Our facilities enable us to make any style of Sheet Metal Fronts, together with all parts, upon the most advanced ideas of construction.

We show only a few designs, but are prepared to execute any style that may be desired.

In ordering Sheet Metal Fronts, particular care should be taken to give plans and elevation of building, giving measurements of every detail possible, such as thickness of walls, width and height of window and door openings, total width and height of building and height of stories.

Send for Blue Prints—We have 100 different designs.

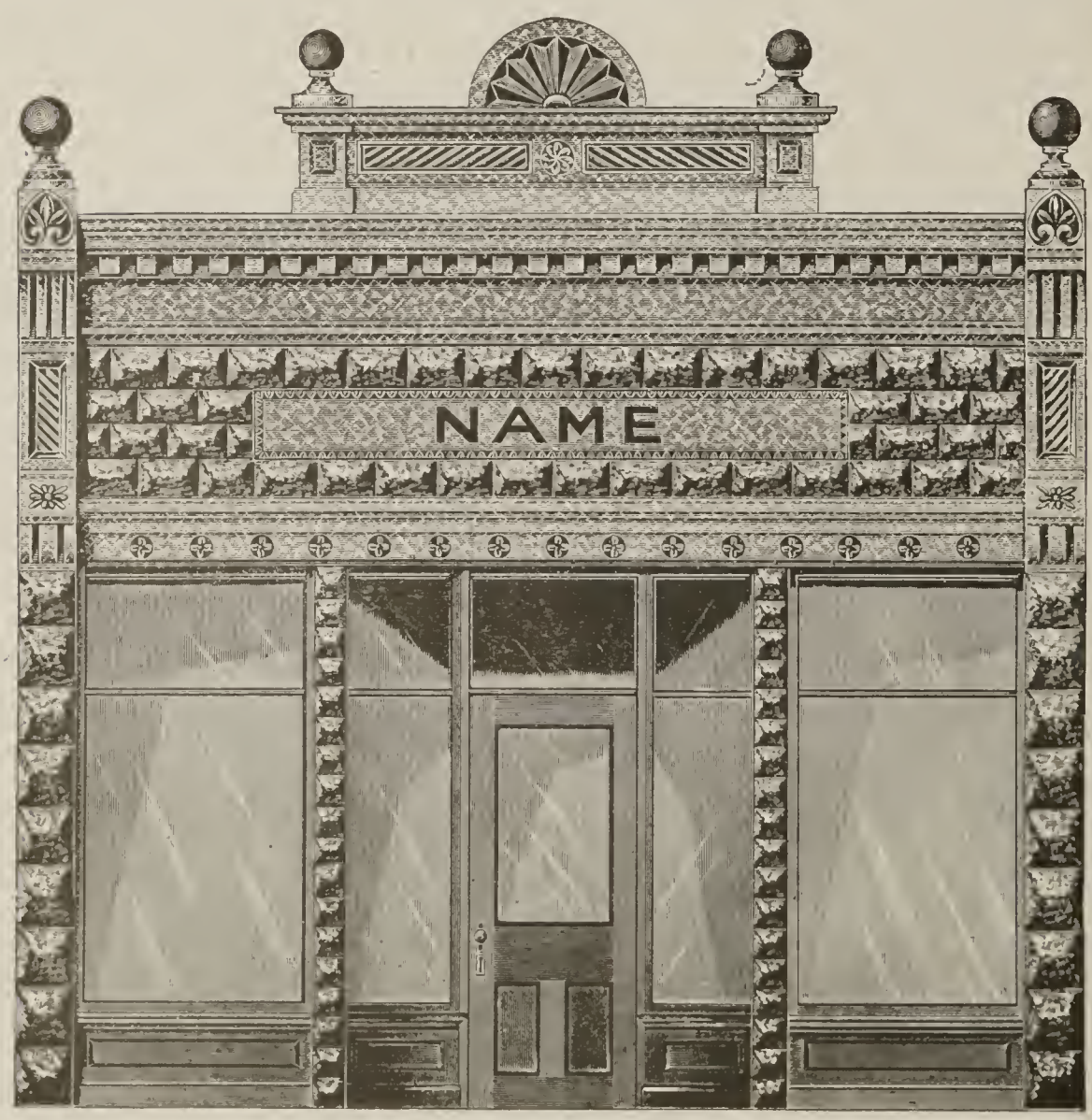


Fig. 841.

A modern, but inexpensive design for a one-story galvanized store front to imitate a stone building.

Send measurements and we will prepare drawings free of charge.

STAMPED SHEET METAL BUILDING FRONTS—GALVANIZED OR COPPER.

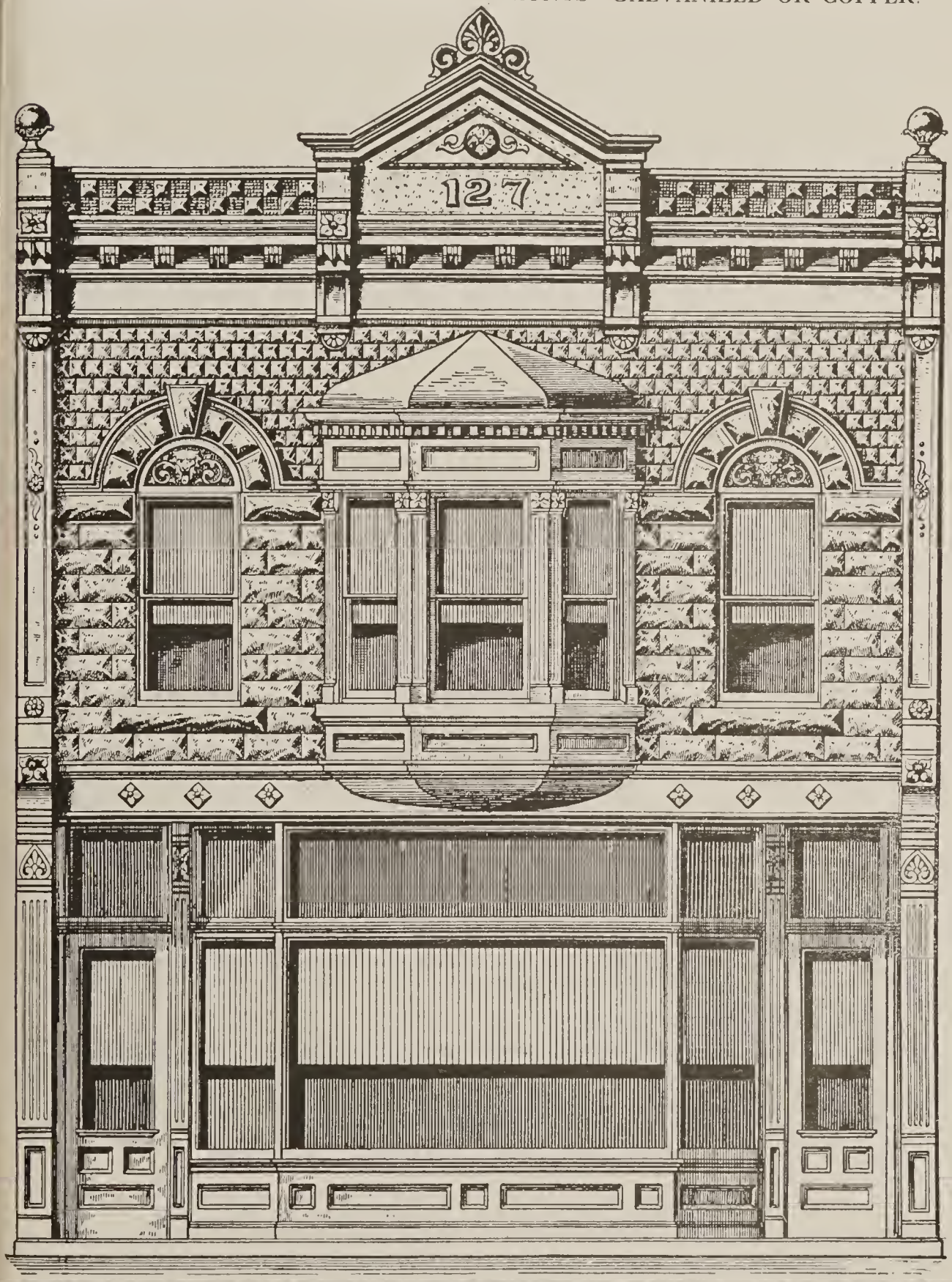


Fig. 842.
Prices on application, stating requirements.

METAL CEILINGS.

Our Metal Ceilings are Fireproof, Artistic and Economieal and worthy of consideration for use in all buildings.

Estimates and drawings showing arrangements suitable for rooms of any size and shape will be made without charge, upon reeeipt of plans and sketches showing detailed measuremcnts.

We wish to eall particular attention to our Metal Ceiling Joints. Each is machined in the steel die and is absolutely correct, making a dust-proof and vermin-proof joint, beeausc the parts fit perfectly together. In designing the joints—both Dot and Dash Bead and Inter-Locking—we havc had in mind the appearance in connection with the designs with which they are used. Our Metal Ceilings, having perfect fitting joints, are therefore easily erected, saving time and money in cost of installation.

ENCAUSTIC ENAMELED METAL CEILINGS.

For Beauty and Durability, Without Expense for Re-decorating, Reflect Light Instead of Absorbing the Rays.

We have succeeded in producing an enameled metal eeiling with the combined qualities of a hard, porcelain-like surface with sufficient elasticity to stand transportation, handling and erecting without damage.

As both sides of the sheet arc enameled, Encaustic Metal Ceilings are practically indestructible. They are not affected by leaking or broken water pipes. The colors cannot fadc nor the gold decoration tarnish, as they are burned on and are covered with a transparent enamel which is also burned on and protects them from the action of the atmosphere.

Encaustie Metal Ceilings are complete when placed in position, and your room will not be torn up and full of scaffolding for days while the eeiling is being decorated. When the erectors are through, the ceiling is finished. No waiting for painters.

When the ceiling beeomes soiled or smoked, it is only neeessary to use good soap, warm water and a sponge to restore the original beauty. They can be washed as often as may be neeessary without losing their fresh appearanee.

Encaustic Metal Ceilings are as easily ereeted as painted ones and ean be ereeted by any one familiar with the ereetion of metal eeilings.

If you do not find the designs you are seeking, write us and give a deseription of your requirements—we are eontinually adding to our list and no doubt have just what you want.

METAL CEILINGS.

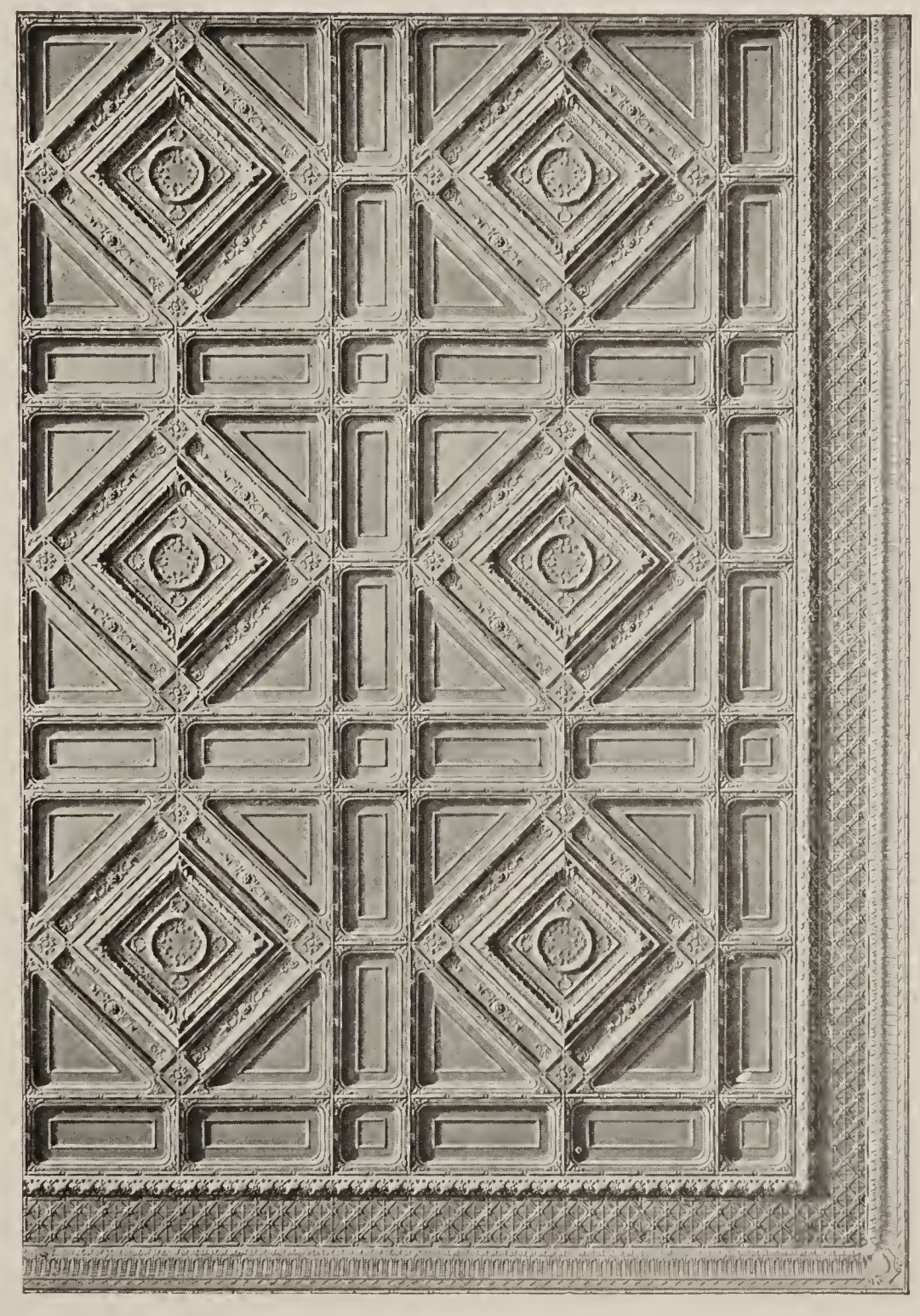


Fig. 1001.

Average price $10.00 per square, not including furring strips.

Note—Price varies with size and shape of room.

Facilities for Manufacture and Prompt Shipment are such that we can Satisfy Your Demands.

Special attention is given to all requests for information.

METAL CEILINGS.

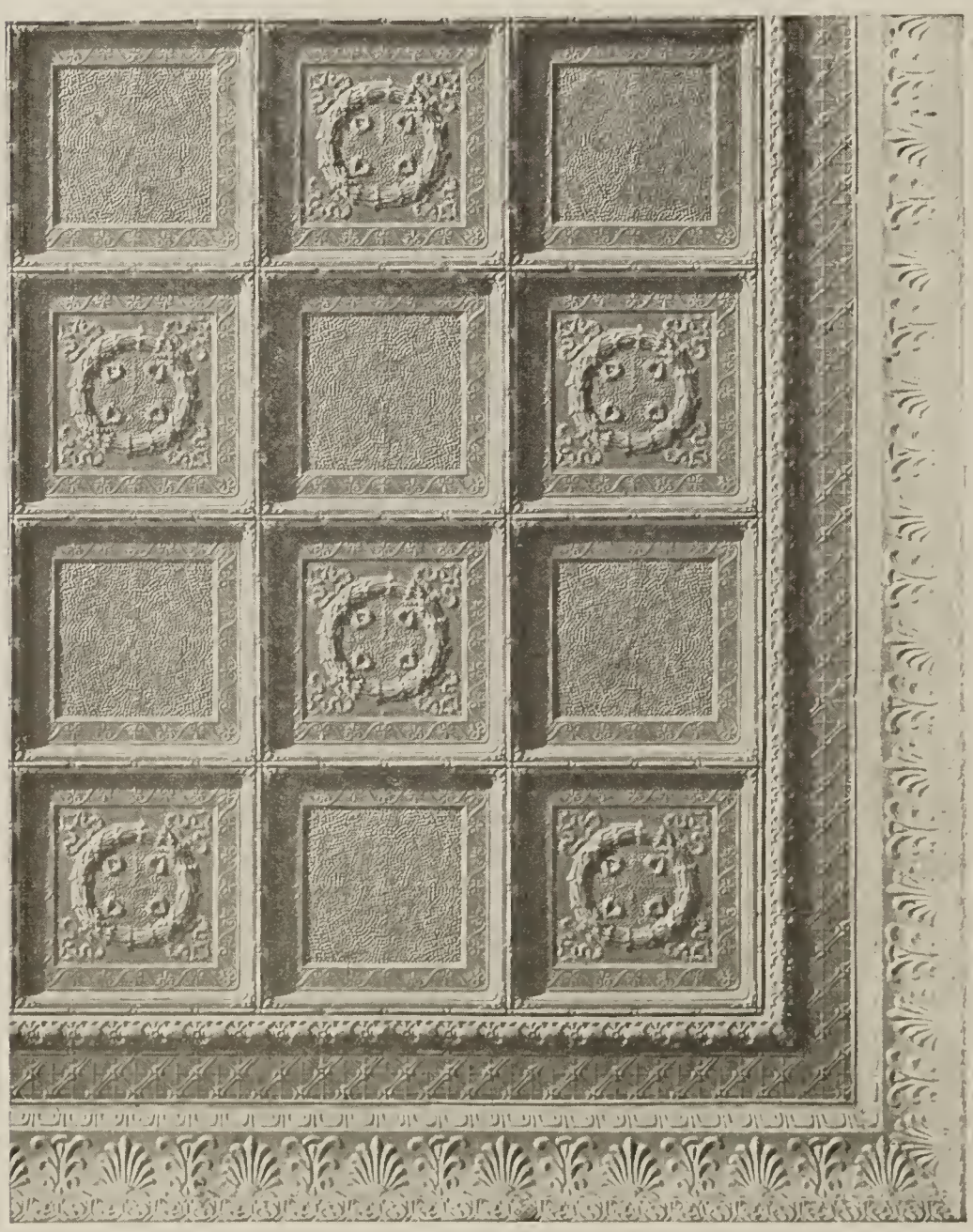


Fig. 1002.

Average price $9.45 per square, not including furring strips.

Note—Price varies with size and shape of room.

Adapted to All Requirements from Vestibules to Auditoriums.

Ceilings of Flat Designs for small rooms and low ceilings.

Ceilings of Deep, Bold Designs for large rooms and high ceilings.

METAL CEILINGS.

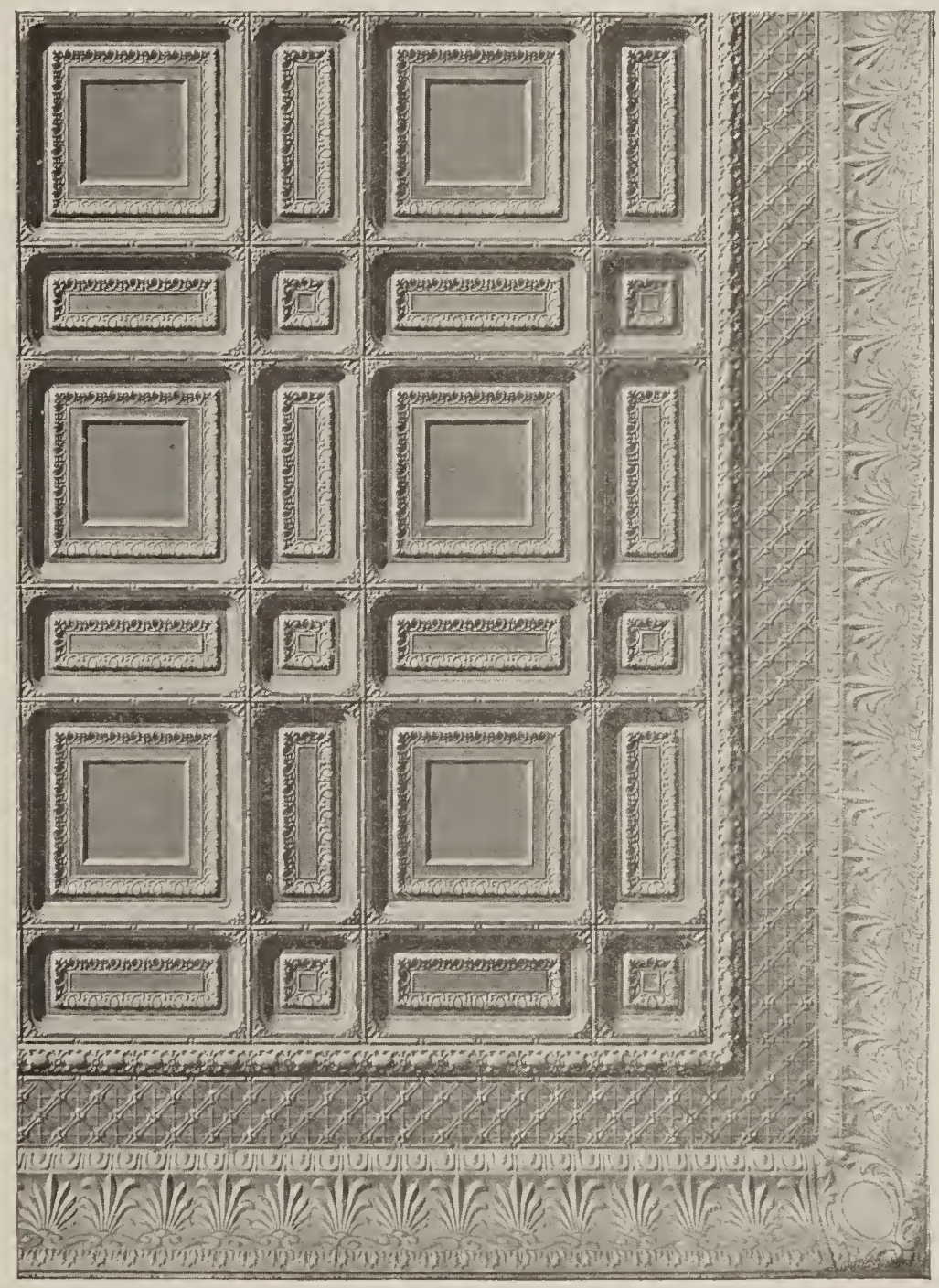


Fig. 1003.

Average price S) tandard Bead Joints) $9.85 per square, not including furring strip
Avcrage price (Interlocking Joints) $11.45 per square, not including furring strips
Note—Price varies with size and shape of room.

Our Metal Ceilings are "Quality" Ceilings Made from Open Hearth Steel Sheets.

Inspected both before and after embossing.

Our Ceiling Die Presses are the best that can be produced. The Dies are Machined Steel—deep and true to measurement and allignment.

Careful workmen and good material mean a superior product.

METAL CEILINGS.

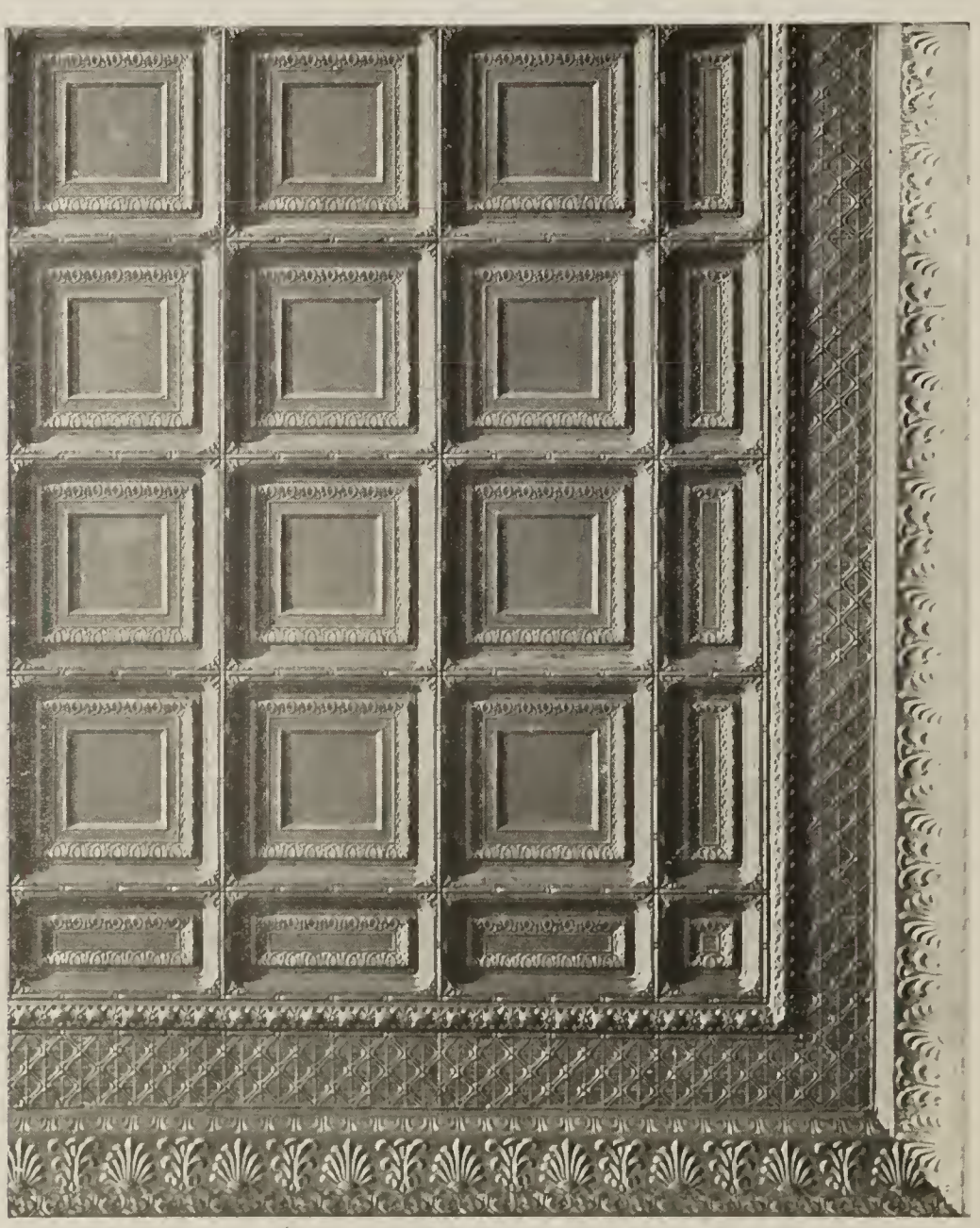


Fig. 1004.

Average price $9.70 per square, not including furring strips.
Note—Price varies with size and shape of room.

Our Encaustic Metal Ceilings are enameled on both sides and are practically indestructible. Not affected by leaking or broken water pipes.

When Encaustic Enameled Metal Ceilings become soiled or smoked they are easily restored to their original beauty by the use of good soap, warm water and a sponge.

METAL CEILINGS.

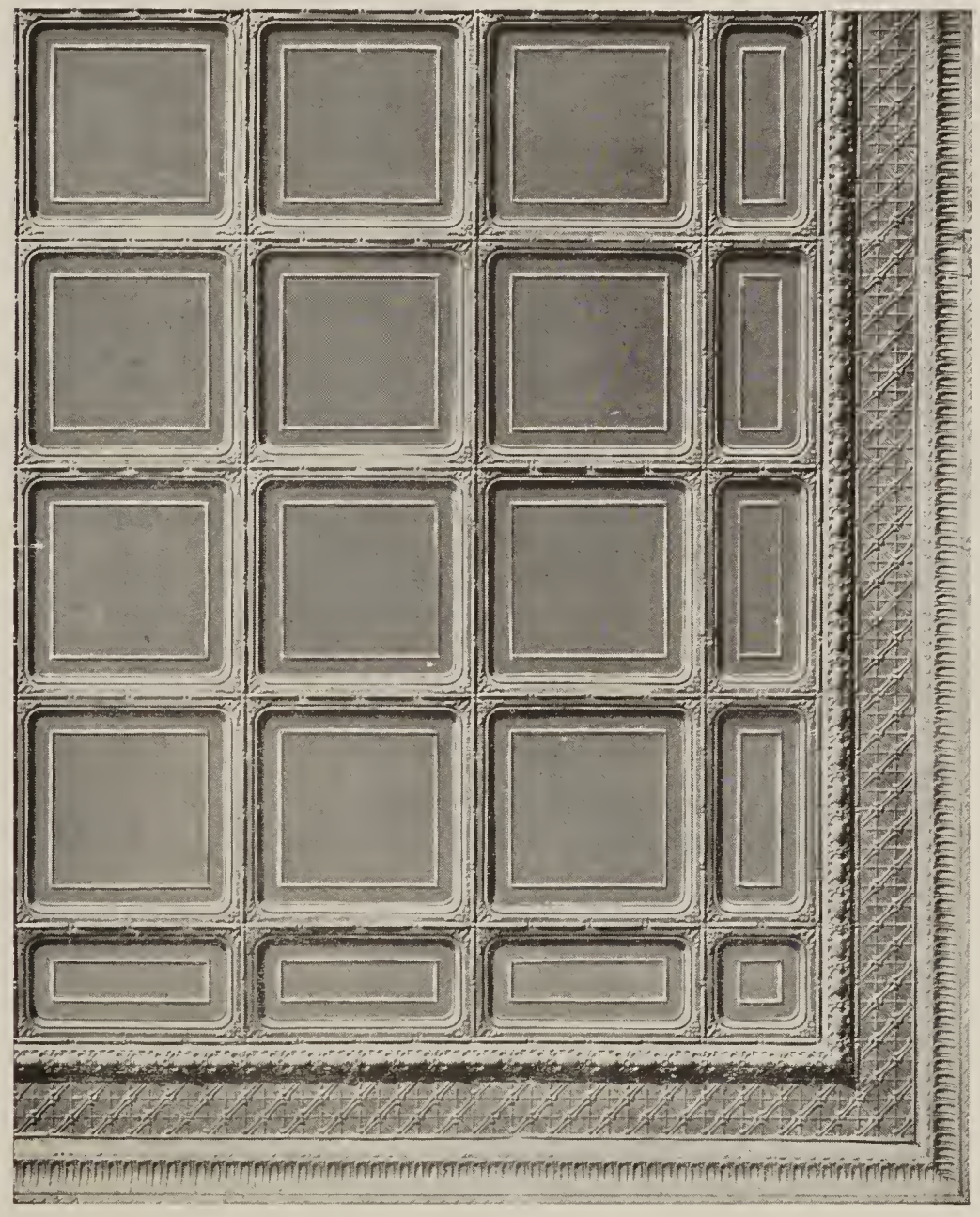


Fig. 1005.

Average price $8.65 per square, not including furring strips.
Note—Price varies with size and shape of room.

The Encaustic Enameled Finish can be applied to any Design or Pattern of Ceiling Plates made by us. The cost is more. But when the erectors are through, the ceiling is finished and decorated. First cost is the only cost.

The gold decoration on our Encaustic Metal Ceilings will not tarnish—the colors will not fade.

METAL CEILINGS

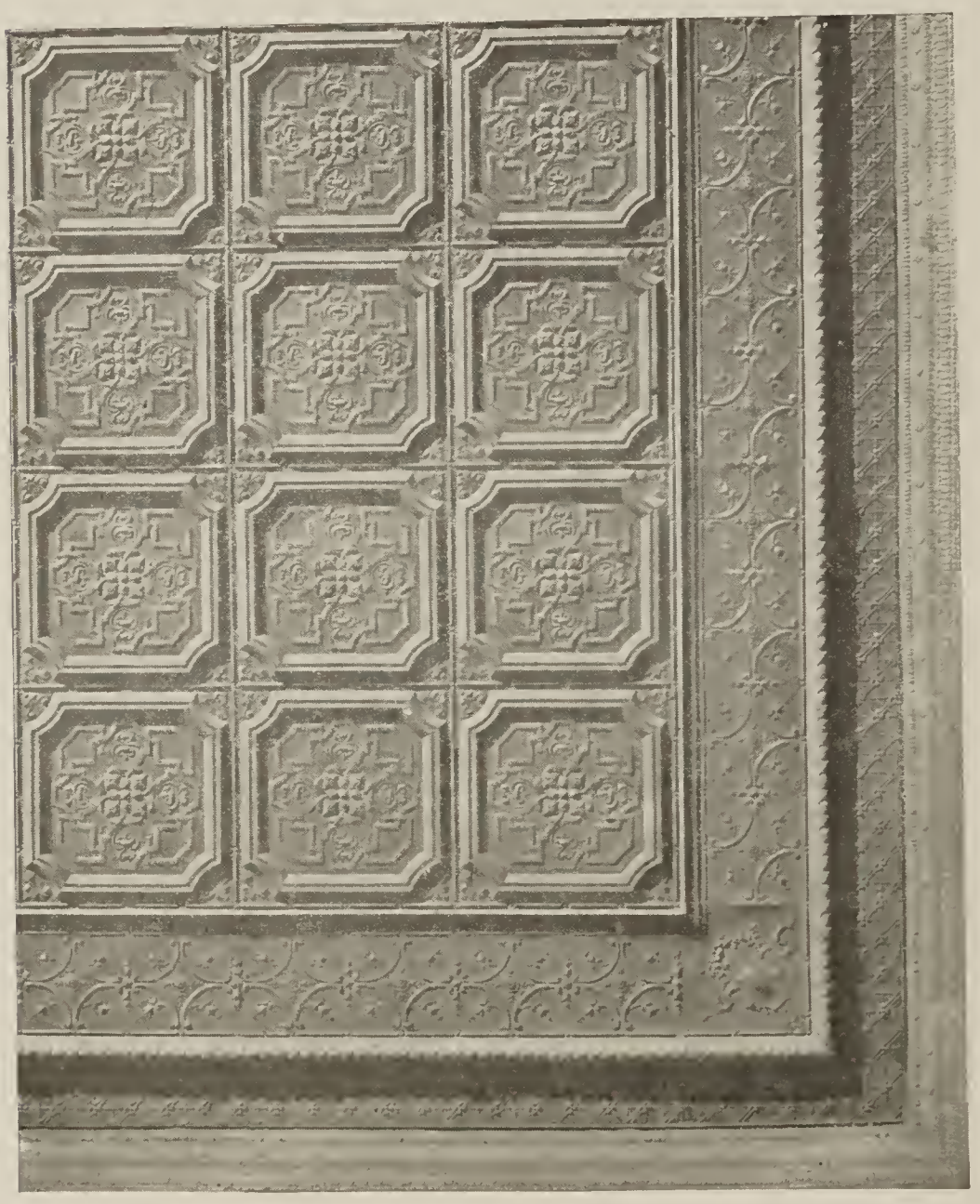


Fig. 1006.

Average price $9.30 per square, not including furring strips.
Note—Price varies with size and shape of room.

Is the Plaster Falling Off, or do Unsightly Cracks Disfigure the Ceiling or Walls?

If so, we suggest that you investigate the merits of our Metal Ceilings. You will find them very practicable for such improvements and of designs suitable to the requirements.

METAL CEILINGS.

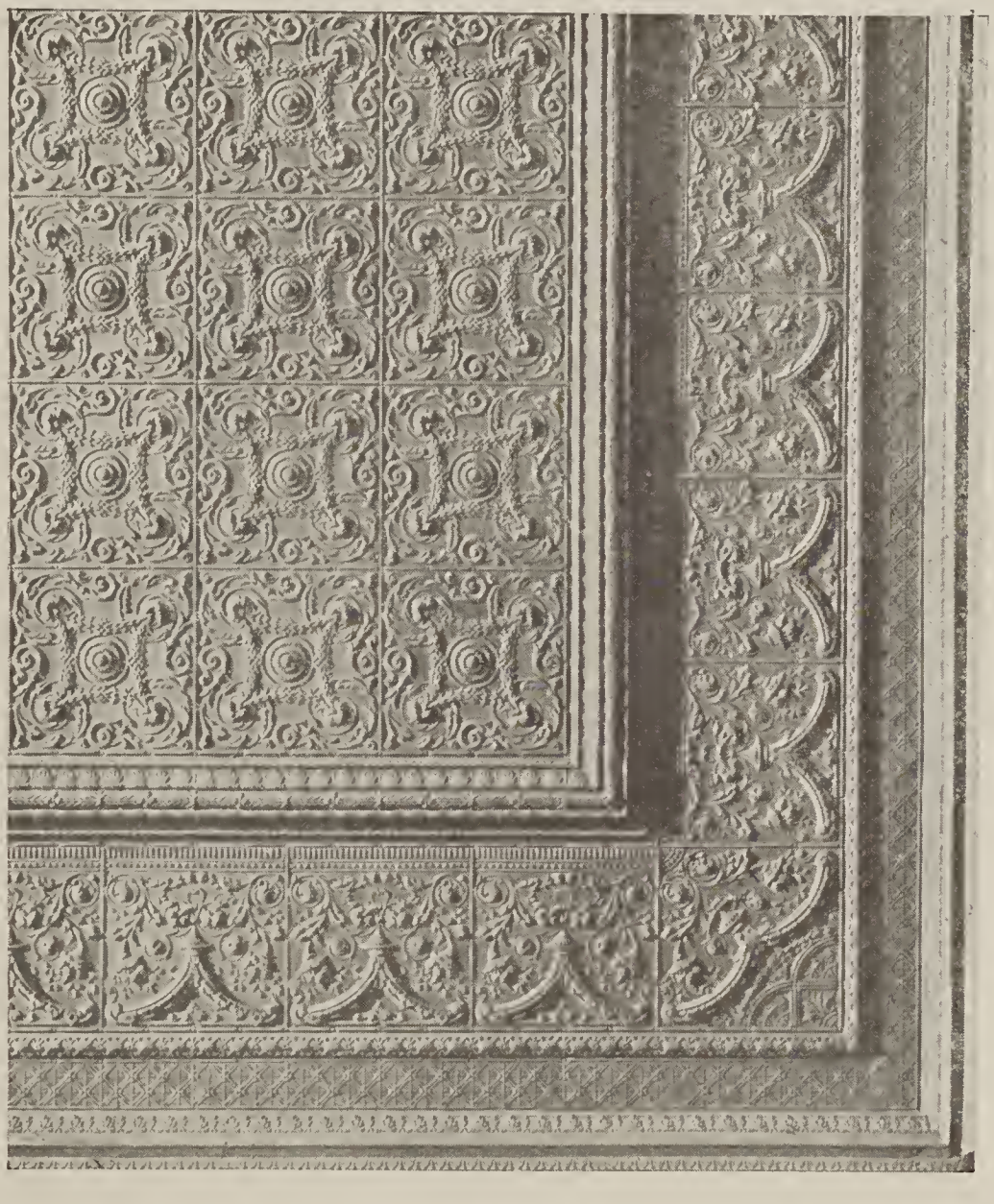


Fig. 1007.

Average price $9.55 per square, not including furring strips.
Note—Price varies with size and shape of room.

Fire-Proof—Vermin-Proof—Dust-Proof—Permanent—Economical
Perfect Fitting—Artistic—Sanitary—Easily Erected.

Designs for rooms of all sizes, kinds and shapes.

Every Plate guaranteed perfect in design and workmanship.

No order too small for our best attention.

No order too large for our factory to fill promptly.

METAL CEILINGS.

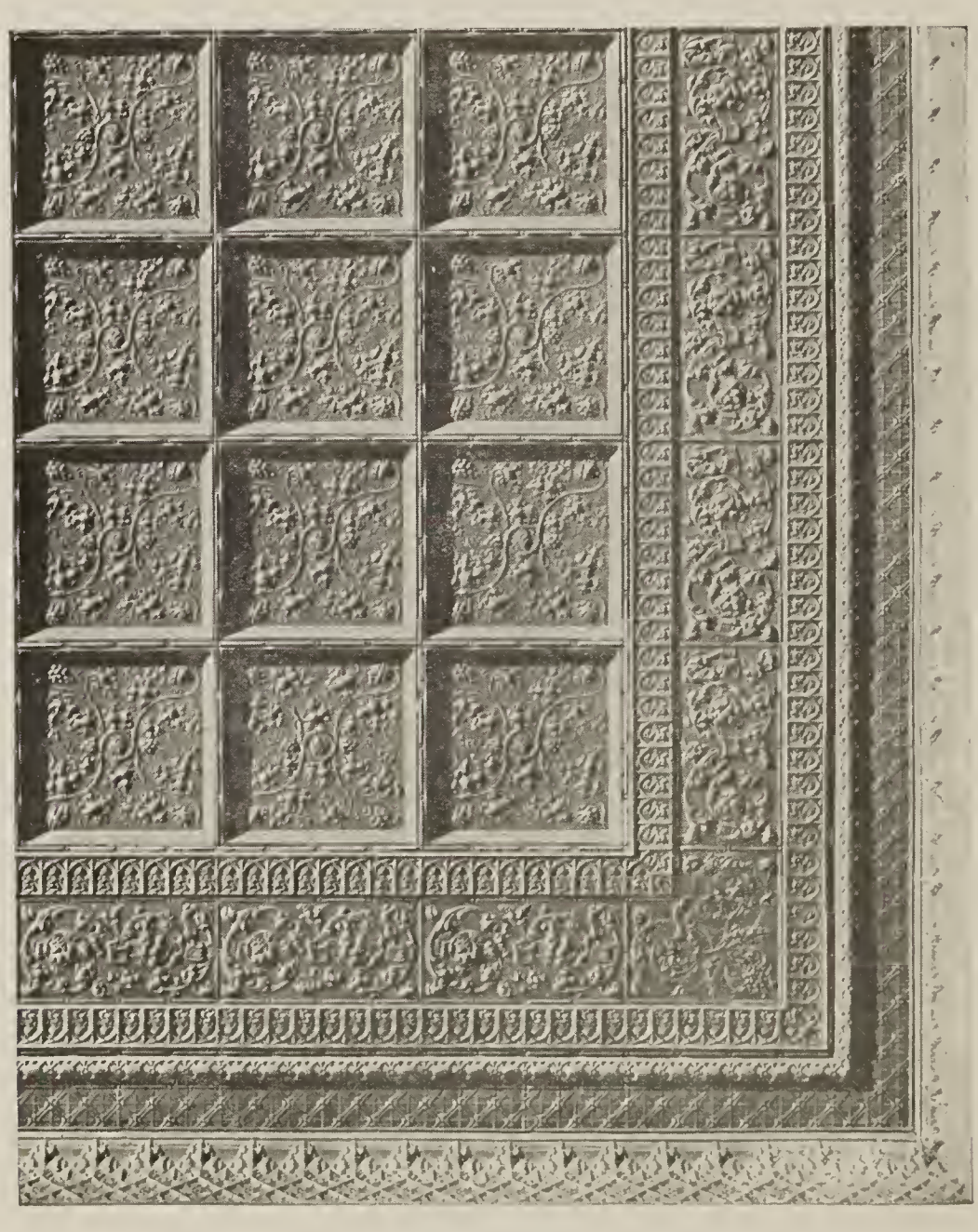


Fig. 1008.

Average price $9.20 per square, not including furring strips.
Note—Price varies with size and shape of room.

We have a large force of artists at your disposal. If you send us a plan or diagram, it will cost you nothing for a suggestive design and an estimate of the cost.

We will follow closely your ideas; or, if you prefer, we will use our judgment as to selection and arrangement of design. This judgment is based on many years of experience and we know that we can please you.

METAL CEILINGS.

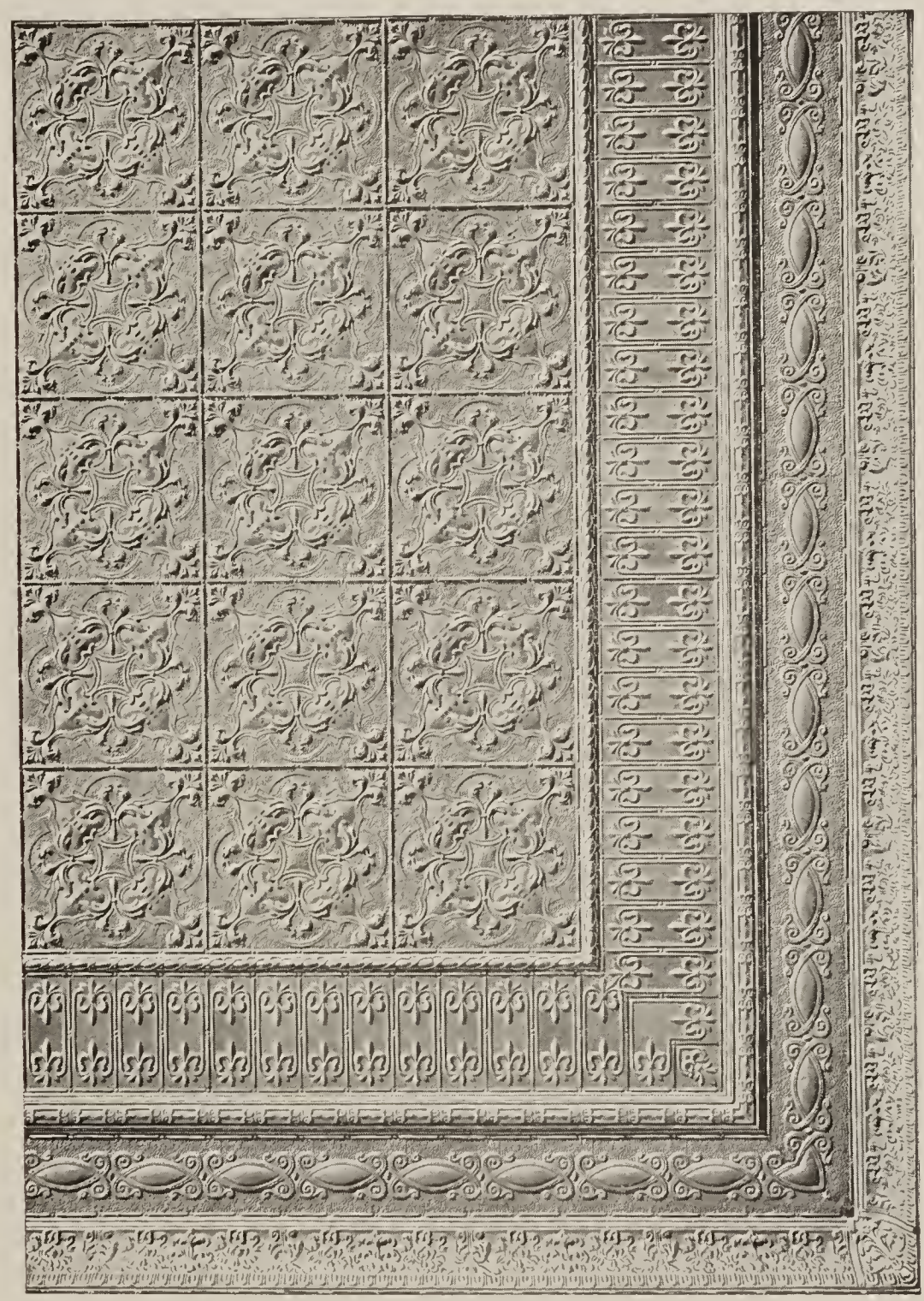


Fig. 1009.

Average price $9.20 per square, not including furring strips.

Note—Price varies with size and shape of room.

Our Quality is Guaranteed.

Every design has been assembled with a distinct artistic value in view.

Each group of designs has been arranged with a definite idea of the style of architecture.

METAL CEILINGS.

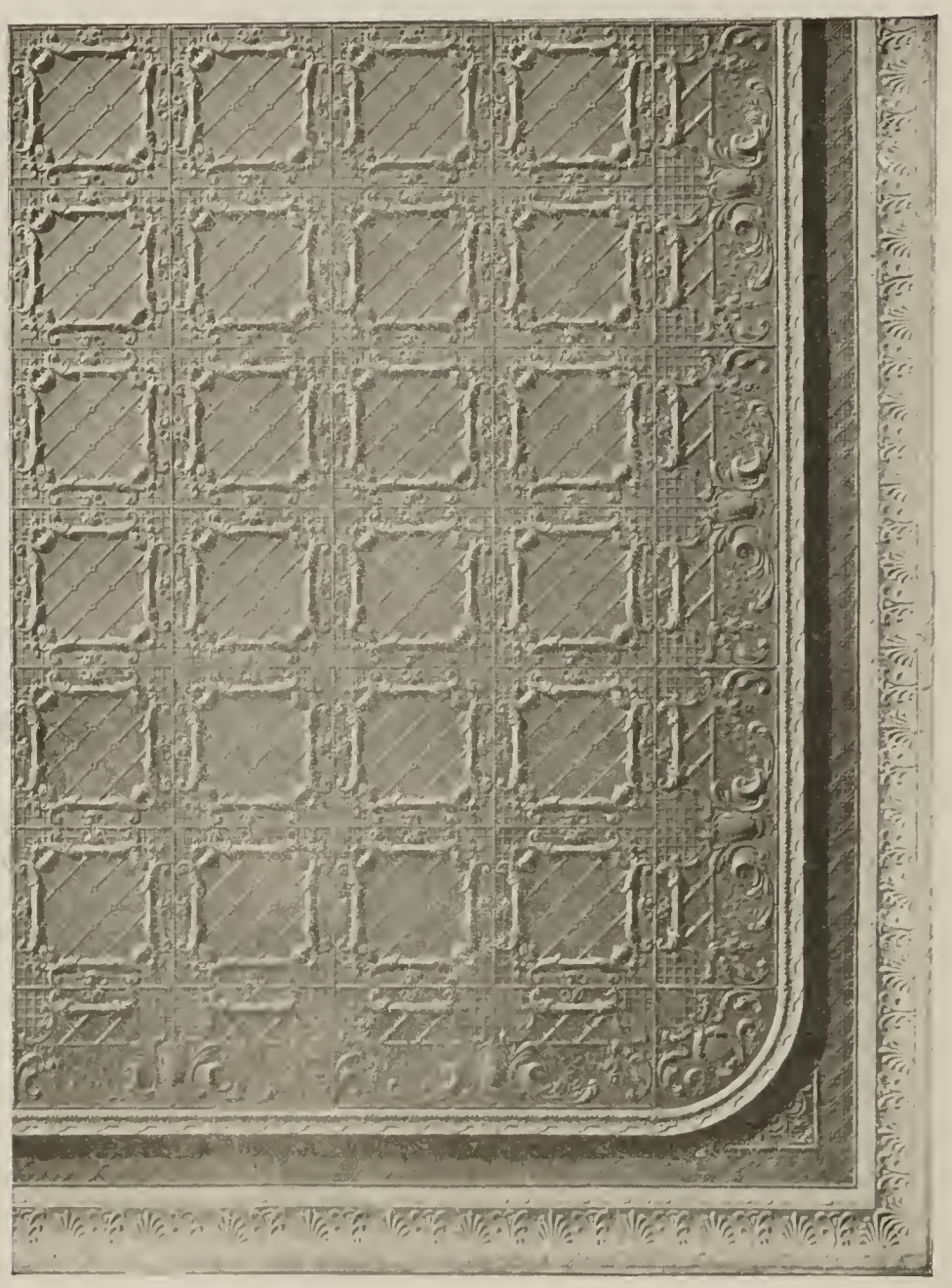


Fig. 1010.

Average price $9.35 per square, not including furring strips.

Note—Price varies with size and shape of room.

Our Ceilings Have the Best Joint—Fit Best—Look Best.

Great care is used in the production of our Metal Ceilings and each piece is carefully inspected before leaving the factory.

Best material and best workmanship only.

METAL CEILINGS.

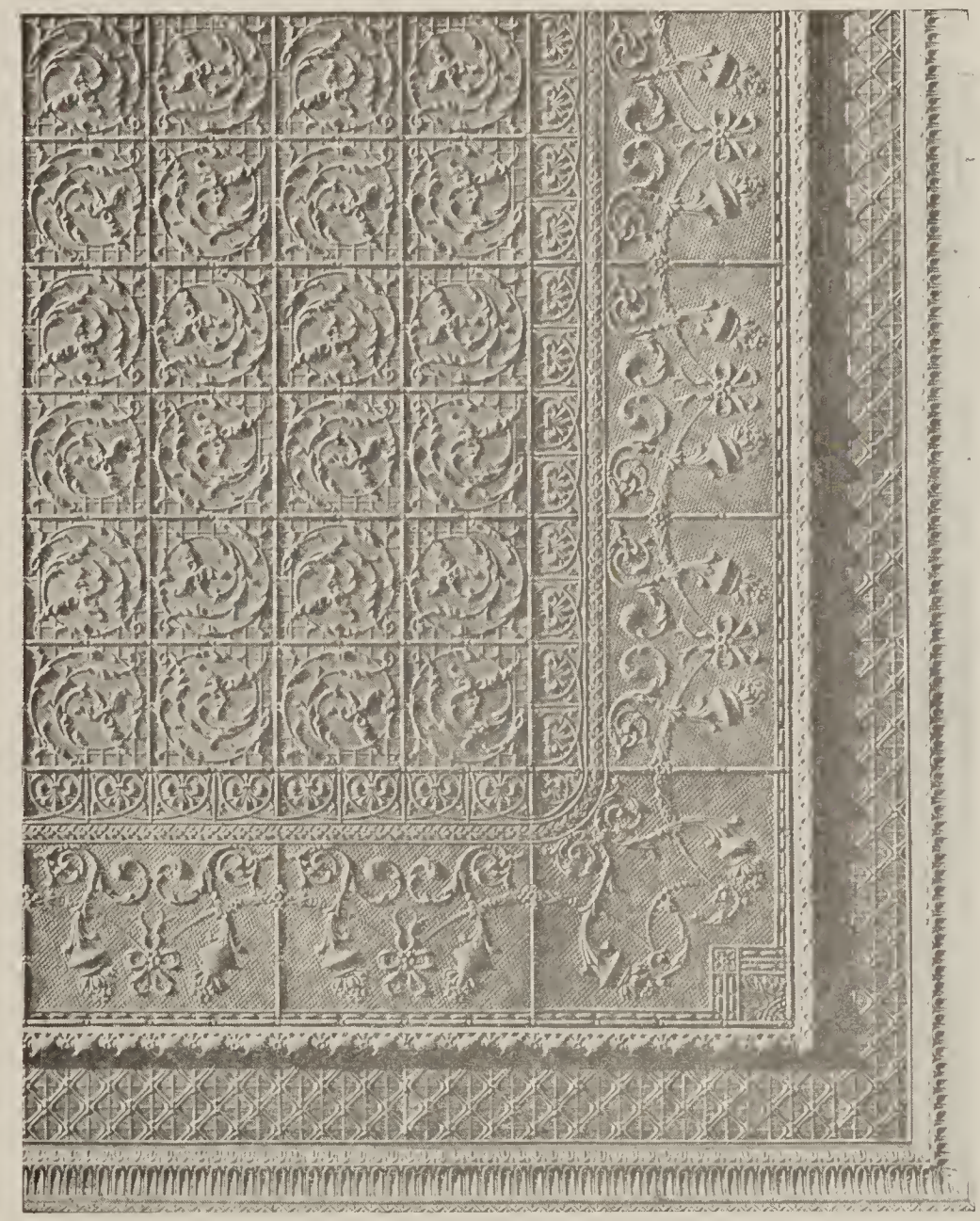


Fig. 1011.

Average price $8.65 per square, not including furring strips.

Note—Price varies with size and shape of room.

Our Metal Ceilings

Are furnished with a priming coat of white paint on both sides. If a specially durable and artistic ceiling is desired, we recommend the Encaustic Enameled Finish.

METAL CEILINGS.

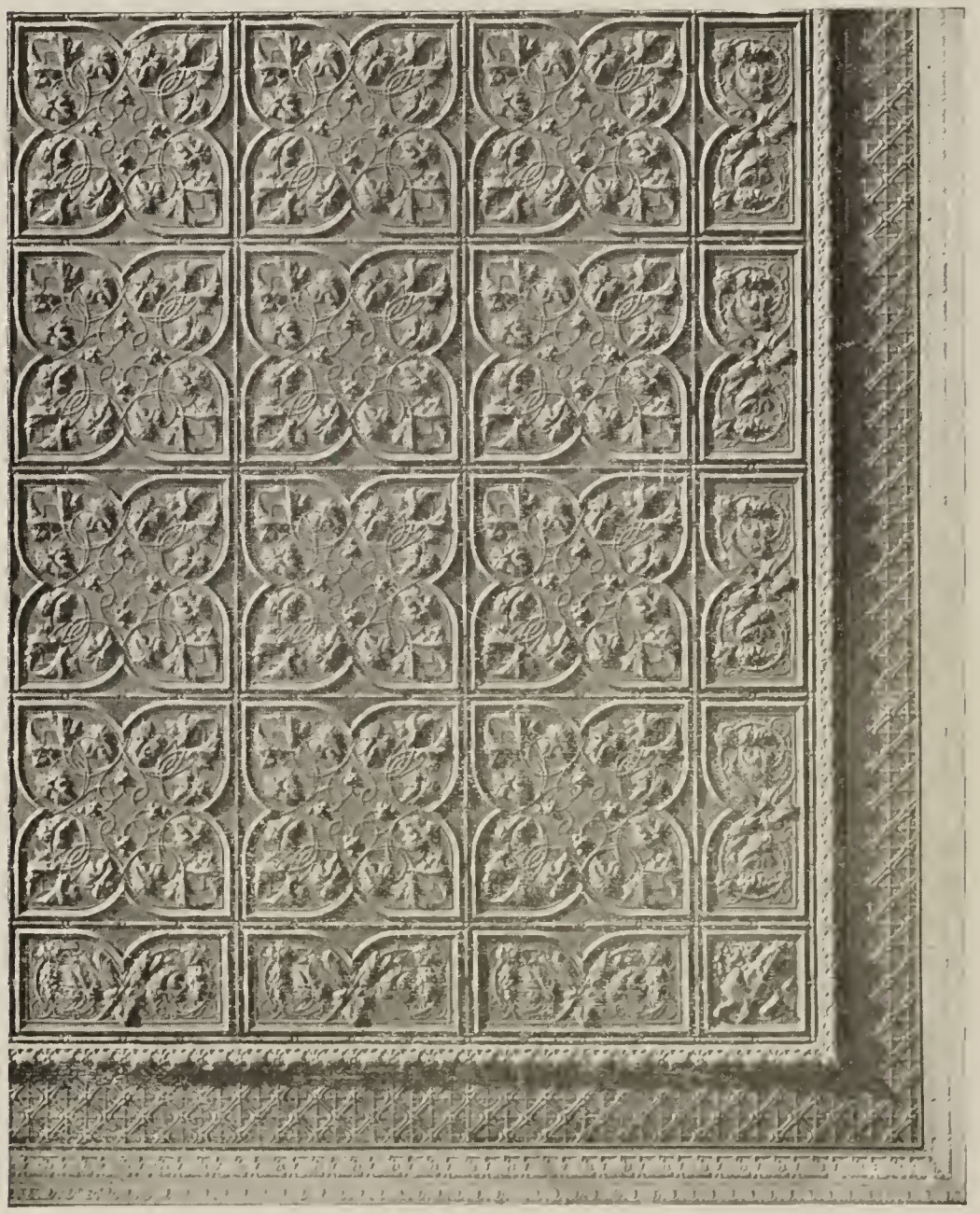


Fig. 1012.

Average price $9.35 per square, not including furring strips.

Note—Price varies with size and shape of room.

Our Encaustic Metal Ceilings

are complete when placed in position. No waiting for painters. Write us for particulars.

METAL CEILINGS.

Fig 1013.

List price $10.00 per square not including furring strips.

We Will Make Suggestions or Follow Yours.

Our judgment is based on years of experience—we can please your taste.

If you are building or expect to build or remodel, you should investigate the merits of Metal Ceilings.

METAL CEILINGS.

Fig. 1014.

Average price $11.45 per square, not including furring strips.

Note—Price varies with size and shape of room.

Metal Ceilings are Practically Indestructible and are Designed for Rooms of all Kinds.

Adapted to all classes of buildings: Churches, Schools, Colleges, Convents, Lodge Rooms, Auditoriums, Theatres and Gymnasiums, Offices, Stores, Dwellings, Hospitals, Waiting-Rooms and all Municipal, State and National Public Buildings.

METAL SIDEWALLS.

Fig. 1015.

Side Wall Design. Average price $9.25 per square, not including cornice and furring strips.

Note—Price varies with height of room

METAL CEILINGS AND SIDE WALLS.

In modern construction, when Metal Ceilings and Side Walls are used, the opportunity for artistic designs and decoration covers a wide range for interior finish at a moderate cost. Insurance rates are largely determined by the character of construction. Metal Ceilings are approved by underwriters.

Fires often spread by burning holes in wood-sheathed ceilings, thereby adding unnecessarily to the damage. By the use of Metal Ceilings this danger is greatly lessened, if not avoided.

Easily applied, over old plaster or wood, in old or new buildings.

STEEL CEILINGS AND SIDEWALLS.

Fig. 1030.
Made in sheets 24 inches wide by 96 inches long.

Fig. 1031.
Made in sheets 24 inches wide by 96 inches long.

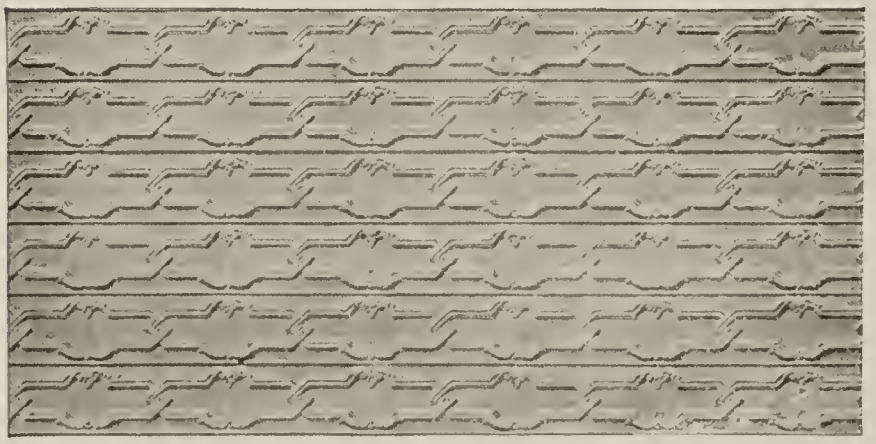


Fig. 1032.
Made in sheets 24 inches wide by 96 inches long.
Price on application, stating requirements.
Write for Prices.

STEEL CEILINGS AND SIDE WALLS.

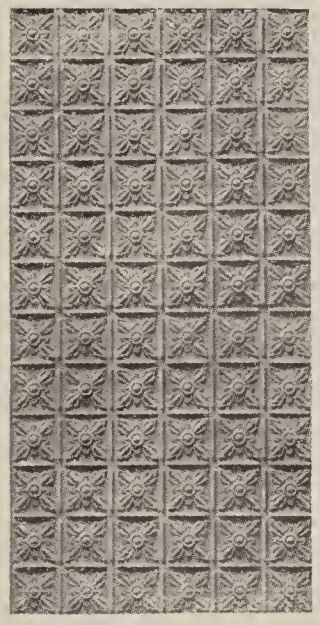


Fig. 1033

Made in sheets 24 inches wide, 96 inches long

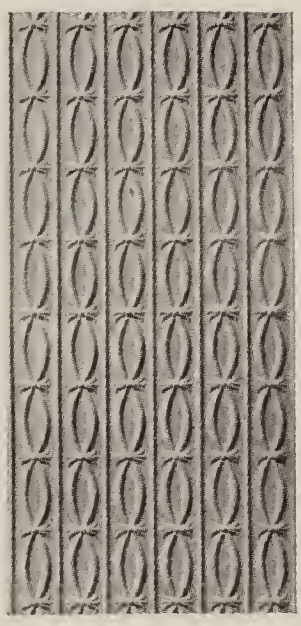


Fig. 1034

Made in sheets 24 inches wide, 96 inches long.

Cornice Fig. 1050

Depth 3 inches, projection 3 inches, length 48 inches.

Cornice Fig. 1051

Depth 4¼ inches, projection 3½ inches, length 48 inches.

Cornice Fig. 1052

Depth 5 inches, projection 4¼ inches, length 48 inches.

Prices on application, stating requirements.

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